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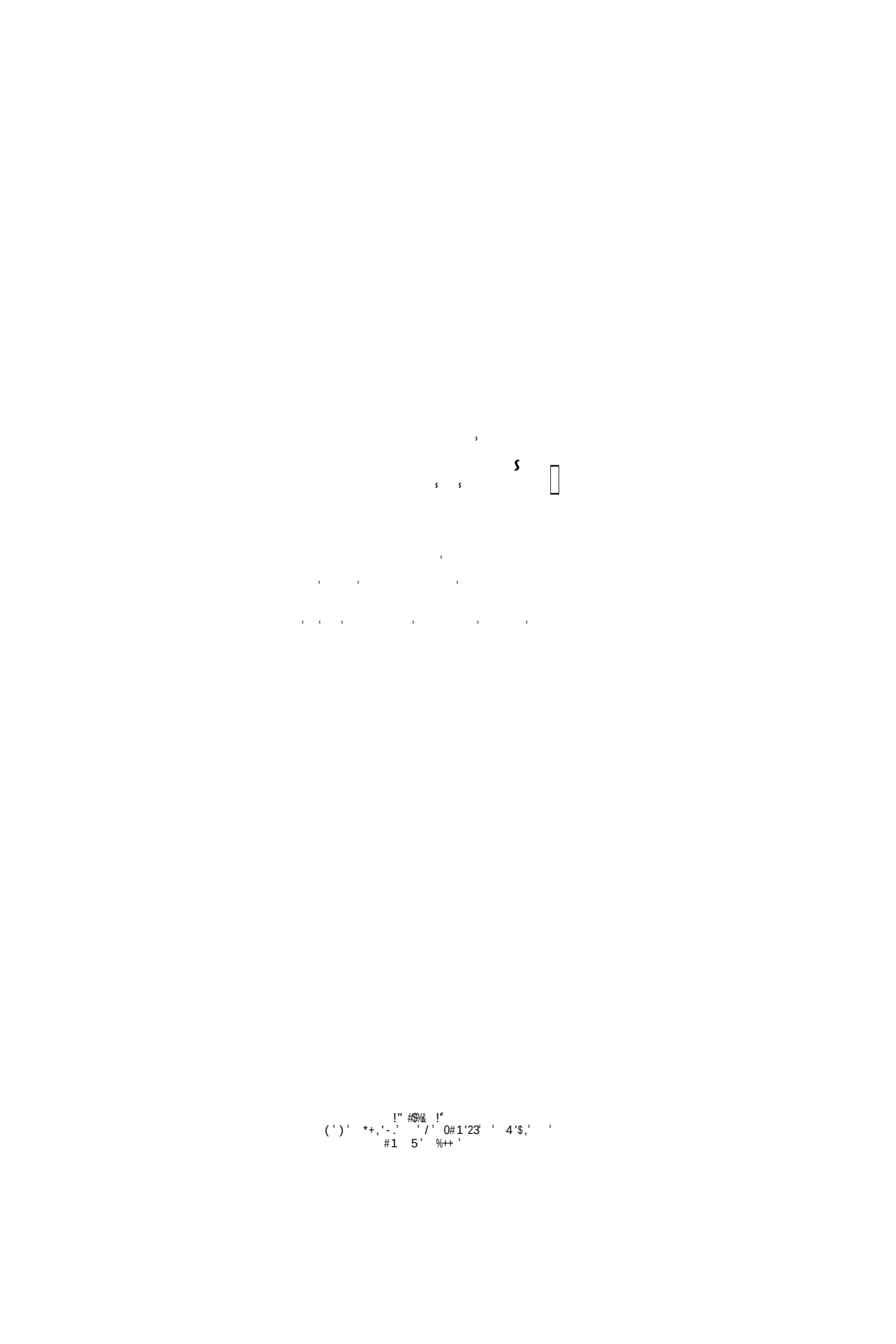
on 08 January, 2019



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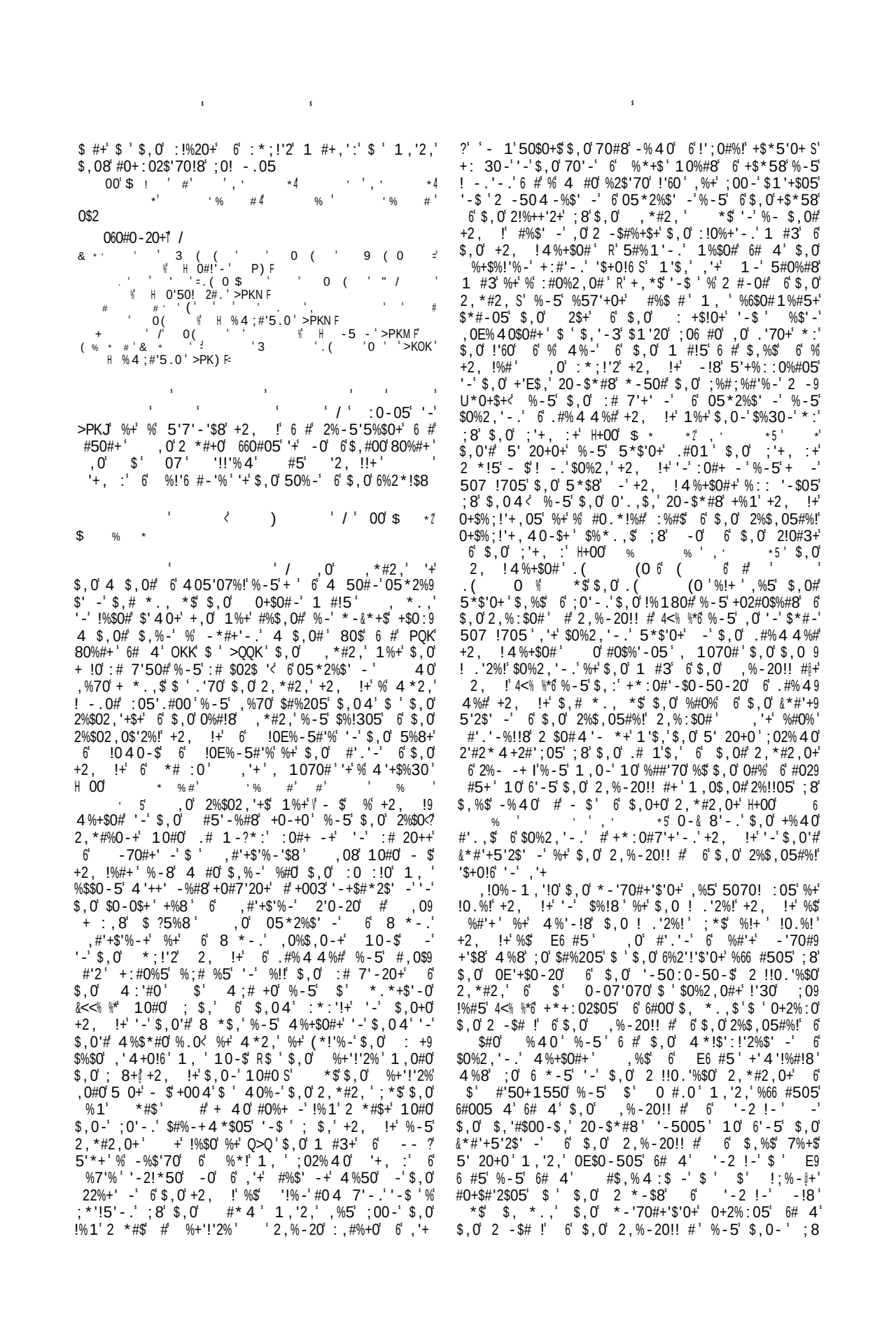


%:%!ꜛ *!!+ꜛ 6ꜛ 0E04:$' -ꜛ 6# 4ꜛ $,%$ 6ꜛ $,0ꜛ ;'+, :ꜛ 6ꜛ$,0ꜛ5' 20+0+ꜛ'-ꜛ1,'2,ꜛ$,08ꜛ!%8ꜛ$,08ꜛ5'5ꜛ - $ꜛ0+2%:0ꜛ- # 1%-$ꜛ$ꜛ0+2%:0ꜛ6# 4ꜛ$!'0ꜛ:# $029 $' -ꜛ %-5ꜛ 2 -$# !ꜛ 6ꜛ$,0ꜛ ,*#2,ꜛ1'$,ꜛ %!!ꜛ $,0ꜛ :#'7'!0.0+ꜛ%-5ꜛ'4 4*-'$'0+ꜛ6# 4ꜛ!%8ꜛ2 -$# !ꜛ0-9 & 805ꜛ;8ꜛ$,0ꜛ2!0#'2%!ꜛ #50#ꜛ -ꜛ$,0ꜛ2 -$#%#8ꜛ $,08ꜛ;# *.,$ꜛ% !%#.0ꜛ 2 -$'-.0-$ 6ꜛ !%8ꜛ6 !3ꜛ *-50#$,0ꜛ2 -$# !ꜛ6ꜛ$,0ꜛ ,*#2,ꜛ !!ꜛ+*'$+ꜛ%-5ꜛ 070-ꜛ2#'4'-%!ꜛ 2%+0+ꜛ;0$100-ꜛ+2, !%#+ꜛ%-5ꜛ!%89 40-ꜛ2%40ꜛ*-50#$,0ꜛ2 .-'G%-20ꜛ6ꜛ$,0ꜛ -2 # 6ꜛ %#'+ꜛ -'70#+'$8ꜛ6ꜛ$,0ꜛ ,%-20!! #ꜛ6ꜛ E9 6 #5ꜛ%-5ꜛ %4;#'5.0ꜛ%-5ꜛ6ꜛ$,0ꜛ+2, !4%+$0#+ꜛ 6ꜛ %-$0#;*#8ꜛ%-5ꜛ #!0%-+ꜛ%-5ꜛ$,0ꜛ#0-$+ꜛ6ꜛ$,0ꜛ ,%!!+ꜛ%-5ꜛ, *+0+ꜛ$,08ꜛ!'705ꜛ'-ꜛ10#0ꜛ+0$$!05ꜛ;8ꜛ & '-$ꜛ ;%#5+ꜛ 6ꜛ+2, !%#+ꜛ%-5ꜛ$ 1-+40-ꜛ ,0ꜛ +0#7%-$+ꜛ6ꜛ+2, !%#+ꜛ$,0ꜛ ; 3+0!!0#+ꜛ:%#2,40-$ꜛ :# 7'50#+ꜛ +$%$'-0#+ꜛ%-5ꜛ $,0# $#%50+40-ꜛ 1,ꜛ4'-'+$0#05ꜛ$ꜛ$,0ꜛ1%:$+ꜛ 6ꜛ$,0ꜛ+2, !%#+ꜛ 10#0ꜛ#%-305ꜛ%+ꜛ2!0#'2+ꜛ%-5ꜛ+*;&02$ꜛ$ꜛ$,0ꜛ ,%-9 20!! #⍰+ꜛ&*#'+5'2$' -ꜛ ,0ꜛ.#%44%#+2, !+ꜛ%-5ꜛ + -.ꜛ+2, !+ꜛ 6ꜛ$,0ꜛ2,*#2,0+ꜛ$ ꜛ0-& 805ꜛ%-ꜛ %;+ !*$0ꜛ 4 - :!8ꜛ W ꜛ -0ꜛ1%+ꜛ %!! 105ꜛ$ꜛ $0%2,ꜛ% .#%44%#+2, !ꜛ1'$, *$%!'20-+0ꜛ6# 4ꜛ $,0ꜛ+2, !4%+$0# 6ꜛ $ꜛ %*⍰+ꜛ-ꜛ$,0ꜛ1, !0ꜛ2'$8ꜛ 6ꜛ -5 -ꜛ0E20:$'-ꜛ$,0ꜛ0$'*%!!8ꜛ:#'7'!0.05ꜛ%#0%+ꜛ 6ꜛ$,0ꜛ# %!ꜛ2,%:0!ꜛ #2!!0.'%$0ꜛ2,*#2,ꜛ6ꜛ $ꜛ !%#$'-⍰+?!0? #%-5ꜛ%-5ꜛ$,0ꜛ%#2,;'+, ⍰+ꜛ:02*!'%# 6ꜛ $ꜛ %#8?!0? 1ꜛ ,0ꜛ+%40ꜛ#*!0ꜛ:#07%'!05ꜛ %-5ꜛ5 2*40-$+ꜛ 6ꜛ$,0ꜛ$,'#$00-$,ꜛ%-5ꜛ6 *#$00-$,ꜛ 20-$*#'0+ꜛ+, 1ꜛ'$ꜛ'-ꜛ:# 20++ꜛ 6ꜛ0-6 #2040-$ꜛ%$ #3ꜛ '-2 !-ꜛ 070#!08ꜛ #20+$0#ꜛ ! *20+9 $0#ꜛ $ꜛ !;%-⍰+ꜛ%-5ꜛ *#8ꜛ $ꜛ 54*-5⍰+ꜛ +'4'!%# 4 -:!8ꜛ'-ꜛ6%7 #ꜛ 6ꜛ$,0ꜛ+ -.ꜛ+2, !ꜛ 1%+ꜛ0-6 #205ꜛ;8ꜛ$,0ꜛ :#020-$ #ꜛ%$ꜛ #3ꜛ '-9 2!-ꜛ%-5ꜛ *#8ꜛ $ꜛ 54*-5⍰+ꜛ $ꜛ$,0ꜛ;0.'-9 -'-.ꜛ 6ꜛ$,0ꜛ6'6$00-$,ꜛ20-$*#8ꜛ%-ꜛ%$$04:$ꜛ$ꜛ0-9 6 #20ꜛ$,'+ꜛ 4 -:!8ꜛ$,# *.,ꜛ$,0ꜛ!%8ꜛ2 *#$+ꜛ'-ꜛ $,0ꜛ ! *20+$0# 2, !ꜛ2%+0ꜛ'-ꜛ>M>K'1%+ꜛ5060%$05ꜛ '-ꜛ$,0ꜛH⍰ 44 -ꜛ !0%+ꜛ;02%*+0ꜛ$,0ꜛ *#$,0!5ꜛ $,%$ꜛ+2, !+ꜛ10#0ꜛ% +:'#'$*%!ꜛ 4%$$0# %-5ꜛ - $ꜛ 2 .-'G%;!0ꜛ'-ꜛ$,0ꜛ 44 -ꜛ %1ꜛ2 *#$+ꜛ ꜛ+ꜛ$,0ꜛ 4 - :!8ꜛ 1%+ꜛ +*220++6*!!8ꜛ0-6 #205ꜛ;8ꜛ$,0ꜛ ;'+, :ꜛ070-ꜛ'-ꜛ>QKKꜛ'$ꜛ'+ꜛ- $ꜛ0%+8ꜛ$ꜛ*-50#+$%-5ꜛ 1,8ꜛ$,0ꜛ%$$04:$ꜛ 1%+ꜛ 4%50ꜛ ꜛ2 *-$0# 066 #$ꜛ ;8ꜛ%!%8ꜛ2 *#$ꜛ$,0ꜛ %8 #⍰+ꜛ *#$ꜛ 6ꜛ -5 -ꜛ $ꜛ;#0%3ꜛ5 1-ꜛ$,0ꜛ4 -:!8ꜛ'-ꜛ -5 -ꜛ;8ꜛ'++*9 '-.ꜛ%:#,';'$ꜛ -ꜛ%.%'-+$ꜛ$,0ꜛ:#'7'!0.05ꜛ4%+$0#+ꜛ +*'-.ꜛ*-%*$, #'G05ꜛ#'7%!+ꜛ'-ꜛ *#$,#'+$'%-1%+ꜛ 50600%$05ꜛ;8ꜛ$,0ꜛ4 -:!'+$+ꜛ%+3'-.ꜛ$,0ꜛ '-.ꜛ6 # %ꜛ #'$ 6ꜛ #'78ꜛ 0%!ꜛ%55#0++05ꜛ$ꜛ$,0ꜛ %8 #ꜛ -.ꜛ%6$0#ꜛ$,0ꜛ 06 #4%$'-ꜛ'-+$%-20+ꜛ6ꜛ$,0ꜛ 0-6 #2040-$ꜛ6ꜛ$,'+ꜛ4 -:!8ꜛ%#0ꜛ$ꜛ;0ꜛ6 *-5ꜛ %$ E0$0#ꜛ'-ꜛ >ONQꜛ;8ꜛ$,0ꜛ;'+, :+ꜛ'-ꜛ6%7 #ꜛ 6ꜛ $,0ꜛ!5ꜛ %$,05#%!ꜛ #%44%# 2, !ꜛ%-5ꜛ%$ '-? 2,0+$0#ꜛ'-ꜛ >OJNꜛ;8ꜛ$,0ꜛ #2,;'+, :ꜛ6ꜛ %-$0#9 ;*#8ꜛ -ꜛ;0,%1ꜛ6ꜛ '-2,0+$0# !!0.0ꜛ2, !ꜛ *$ꜛ'-ꜛ$,0+0ꜛ$1ꜛ'-+$%-20+ꜛ$,0ꜛ :: -0-$+ꜛ6ꜛ 4 - :!8ꜛ070-$*%!!8ꜛ:#07%'!05ꜛ%$ E0$0#ꜛ;8ꜛ .0$$'-.ꜛ%2,%#$0# 6# 4ꜛ$,0ꜛ # 1-ꜛ%-5ꜛ%$ '-9 2,0+$0#ꜛ;8ꜛ.0$$'-.ꜛ$,0ꜛ%#2,;'+, :ꜛ$ꜛ1'$,5#%1ꜛ ,'+ꜛ:# ,';'$'-ꜛ'-ꜛ6%7#ꜛ'-ꜛ;ꜛ$,ꜛ 2%+0+ꜛ;8ꜛ%2*#'*+ꜛ2'-2'50-20ꜛ6ꜛ%-01ꜛ+2, !ꜛ'-ꜛ%-ꜛ !5ꜛ $ꜛ(,-⍰+ +:'$%! W"$ -!8ꜛ1%+ꜛ+02 -5%#8ꜛ%-5ꜛ,'.,0#05*2%$'-ꜛ :# 7'505ꜛ%-5ꜛ2 -$# !!05ꜛ;8ꜛ$,0ꜛ ,*#2,ꜛ;*$0!09

40-$%#8ꜛ05*2%$'-ꜛ%!+ꜛ ,0ꜛ+-.ꜛ+2, !+ꜛ6ꜛ $,0ꜛ.#0%$ꜛ2,*#2,0+ꜛ10#0ꜛ$,0ꜛ #'.'-%!ꜛ:# 7'+'-ꜛ 6#ꜛ$,'+ꜛ ,0ꜛ+-.ꜛ+2, !4%+$0# $%*.,$ꜛ#0%5'-.ꜛ %-5ꜛ.#%44%#ꜛ+ꜛ6%#ꜛ%+ꜛ$,0ꜛ %#$+ꜛ6ꜛ :002,ꜛ;*$ꜛ -ꜛ6%#$,0#ꜛ%+ꜛ :#0!'4'-%#8ꜛ$ꜛ+'-.'-.ꜛ $ꜛ1%+ꜛ %+-.ꜛ+2, !ꜛ1,'2,ꜛ ,%*20#⍰+ꜛ '$$!0ꜛ !0#.0-ꜛ '-ꜛ$,0ꜛ + 0 @ꜛ %$$0-505ꜛ1,0-ꜛ,'+ R60!%1Sꜛ+%'5ꜛR ꜛ!0#-0+'-.ꜛ'2%-ꜛ;*$+4%!!ꜛ.#%4?' 4%'#0Sꜛ *$+'50$,0ꜛ.#0%$ꜛ2,*#2,0+ꜛ2!0-*4$%#8ꜛ 05*2%$' -ꜛ1%+ꜛ%!4 +$ 070#81,0#X ꜛ:# 7'505ꜛ;8ꜛ $,0ꜛ %#'+,ꜛ !0#3ꜛ 0ꜛ1%+ꜛ%70#8ꜛ5'66 0#0-$ꜛ:0#+ -ꜛ 6# 4ꜛ,'+ꜛ4 50#-ꜛ+*220++ #ꜛ 0ꜛ1%+ꜛ'-ꜛ #50#+ꜛ 6 *#$,ꜛ6# &-ꜛ$,0ꜛ,'.,0+$ꜛ$,0ꜛ:#'0+$ꜛ$ꜛ$,0ꜛ! 10+$ꜛ 5 #300:0#ꜛ A* 0B*⍰ ꜛ YF0ꜛ 0ꜛ ꜛ'-ꜛ)QQꜛ :#0+2#';05ꜛ$,%$070#8ꜛ:#'0+$+, *!5ꜛ,%70ꜛ%2!0#3ꜛ %ꜛ+2, !%#ꜛ$ꜛ#0%5ꜛ$,0ꜛ0:'+$!0ꜛ # !0++ -ꜛ $ꜛ% 7'+'$%$'-ꜛ;8ꜛ '-24%#ꜛ 6ꜛ ,0'4+ꜛ%ꜛ601ꜛ&⍰2%#+ꜛ !%$0#ꜛ -0ꜛ6ꜛ$,0ꜛ%#$'2,=+ꜛ1%+ꜛ1,0$,0#ꜛ$,0ꜛ:%#'+,ꜛ :#'0+$ꜛ,%5ꜛR ꜛ%2!0#3ꜛ1, ꜛ2%-ꜛ3H0:ꜛ%+2, !ꜛ%-5ꜛ #0%5ꜛ$,0ꜛ0:'+$!0Sꜛ ,0ꜛZF04-3+ꜛ6ꜛ #0. #8ꜛ W #0:# 5*205ꜛ 0⍰+ꜛ502#00ꜛ%55'-.ꜛ$,%$ꜛ$,0ꜛ:#'0+$ 1%+ꜛ$ꜛ5'#02$ꜛ,'+ꜛ:%#'+,' -0#+ꜛ$ꜛ +0-5ꜛ$,0'# +-+ꜛ $ꜛ$,0ꜛ2,*#2,ꜛ$ꜛ ;0ꜛ$%*.,$ꜛ +ꜛ% 40%-+ꜛ 6ꜛ :%8'-.ꜛ,'4'6 #ꜛ,'+ꜛ$0%2,'-.ꜛ$,0ꜛ2!0#3ꜛ 1%+ꜛ%!9 ! 105ꜛ$ꜛ2,%#.0ꜛ6 #ꜛ2%##8'-.ꜛ# *-5ꜛ$,0ꜛ ,!8ꜛ 1%$0# %-5ꜛ$,0ꜛ ,!8ꜛ;#0%5ꜛ 40$'40+ꜛ$,0ꜛ&F%#$ 6ꜛ,!8ꜛ1%$0#2%##'0#4 <0 ꜛ2: 0 *1%+ꜛ*+05ꜛ%+ꜛ %-ꜛ0E,';'$'-ꜛ6#%: #ꜛ+2, !%#ꜛ-$6#$,0ꜛ0!09 40-$%#8ꜛ+2, !4%+$0#ꜛ%+ꜛ'-ꜛ 023,%4⍰+ꜛ:0(=ꜛ 0 ꜛ'-ꜛ$,0ꜛ$,'#$00-$,ꜛ%-5ꜛ '!!'%4'6ꜛ 8307ꜛ ,%4⍰+ꜛ'-ꜛ>JOXꜛ -ꜛ$,0ꜛ6 *#$00-$,ꜛ 20-$*#8ꜛ10ꜛ 6'-5ꜛ%::'-$40-$+ꜛ;8ꜛ$,0ꜛ#'#ꜛ6ꜛ *#,%4ꜛ'-ꜛ $,0ꜛ:#'#8:+ꜛ:++0++'-ꜛ'-ꜛ #3+,'#0'$ꜛ%#0%59 '-.ꜛ+2, !ꜛ5'+$'-2$ꜛ6# 4ꜛ$,0ꜛ+-.ꜛ+2, !ꜛ%-5ꜛ $,0ꜛ.#%44%#+2, !'-ꜛ>JKQꜛ%$ '-2!-ꜛ%!!ꜛ$,0ꜛ :%#'+,ꜛ2!0#3+ꜛ6ꜛ$,0ꜛ2'$8ꜛ10#0ꜛ,%5ꜛ*:';06 #0ꜛ$,0ꜛ :#020-$ # %-5ꜛ1%#-05ꜛ - $ꜛ$ꜛ $0%2,ꜛ+'-.'-.ꜛ 1'$,*$ꜛ$,0ꜛ!'20-+0ꜛ6ꜛ$,0ꜛ+ -.ꜛ+2, !4%+$0#+ꜛ 6ꜛ$,0ꜛ2%$,05#%!ꜛ -ꜛ$,0ꜛ6'6$00-$,ꜛ20-$*#8ꜛ %-5ꜛ -1%#5ꜛ$,0ꜛ#0%5'-.ꜛ%-5ꜛ+ -.ꜛ+2, !+ꜛ+004ꜛ $ꜛ ,%70ꜛ;00-ꜛ'50-$'6'05ꜛ1,'!0ꜛ%#'$,40$'2ꜛ # 2 4:*$%$'-ꜛ10#0ꜛ2 -+'50#05ꜛ%-ꜛ%::0-5'E'6ꜛ$,0ꜛ 1#'$'-.ꜛ+2, !ꜛ'-ꜛ$,0ꜛ2!0.0+ꜛ6ꜛ 2%+$2#ꜛ2ꜛ >MOKꜛ%-5ꜛ $,0#,%4ꜛ(⍰>M)Kꜛ -ꜛ:!%20+ꜛ+ꜛ6%# %:%#$%+ꜛ 70-$#8ꜛ>MONꜛ%-5ꜛ #'+$!ꜛ>MQN%-5ꜛ >QKNꜛ$,0ꜛ5*$8ꜛ6ꜛ$0%2,'-.ꜛ#0%5'-.ꜛ'+0E:#0++05ꜛ #'4:!'05ꜛ%+ꜛ -0ꜛ6ꜛ$,0ꜛ:#'-2':%!ꜛ5*$'0+ꜛ6ꜛ$,0ꜛ %#'+,ꜛ !0#3ꜛ ,'+ꜛ2 -$'-*05ꜛ%6$0#ꜛ$,0ꜛ 06 #9 4%$'-ꜛ ,'$0ꜛ 2--0$'-ꜛ>OPQꜛ!%8+ꜛ'$ꜛ5 1-ꜛ%+ꜛ :%#$ꜛ6ꜛ$,0ꜛ:# :0#ꜛ5*$'0+ꜛ6ꜛ$,0ꜛ %#'+,ꜛ !0#3ꜛR ꜛ '-+$#*2$ꜛ2,'!5#0-ꜛ'-ꜛ#0%5'-.ꜛ%-5ꜛ1#'$'-.ꜛ%-5ꜛ#09 ,0%#+'-.ꜛ$,0ꜛ 2,*#2,ꜛ 2%$02,'+4Sꜛ ,0ꜛ 2 *#$+ꜛ 6ꜛ!%1ꜛ%6$0#ꜛ$,0ꜛ !0#%$'-ꜛ 2$,!5'$,%$0!040-9 $%#8ꜛ+2, !+ꜛ10#0ꜛ0E04:$ 6# 4ꜛ$,0ꜛ&*#'+5'2$'-ꜛ 6ꜛ$,0ꜛ #5'-%#8ꜛ%-5ꜛ+ ꜛ:#'7%$0ꜛ+2, !+ꜛ%-5ꜛ5'+9 +0-$'-.ꜛ+2, !+ꜛ10#0ꜛ0-%;!05ꜛ$ꜛ2 4:0$0ꜛ1'$,ꜛ +0,0ꜛ2,*#2,ꜛ+2, !+ꜛ 0$ 070-ꜛ'-ꜛ! !%1#'$0#ꜛ '-ꜛ$,0ꜛ3 ꜛ @ꜛ ;ꜛ2 4:!%'-'-.ꜛ6ꜛ$,0ꜛ 502%50-20ꜛ 6ꜛ :%#'+,ꜛ2!0#3+ꜛ+*..$+$05ꜛ $,%$ꜛ $,08ꜛ+, *!5ꜛ;0ꜛ$%30-ꜛ6# 4ꜛ%;0$$0'[2!%+ꜛ Sꜛ+ꜛ%+ꜛ $ꜛ 4%30ꜛ. 5ꜛ:%#'+,ꜛ+2, !4%+$0#+Sꜛ $1%+ꜛ%$ $,'+ꜛ70#8ꜛ$'40$,%$ꜛ$,0ꜛ1'50ꜛ0E$0-+'-ꜛ6ꜛSꜛ %9 $'-⍰!Sꜛ+2, !+ꜛ #0?#'70$05ꜛ$,0ꜛ2 -$# !ꜛ6ꜛ$,0ꜛ ,*#2,ꜛ 70# 0!040-$%#8ꜛ 05*2%$'-ꜛ -$'!ꜛ >)LKꜛ$,0ꜛ.#0%$ 4%& #'$8ꜛ%-5ꜛ*-$'!ꜛ >PKNꜛ 4 #0

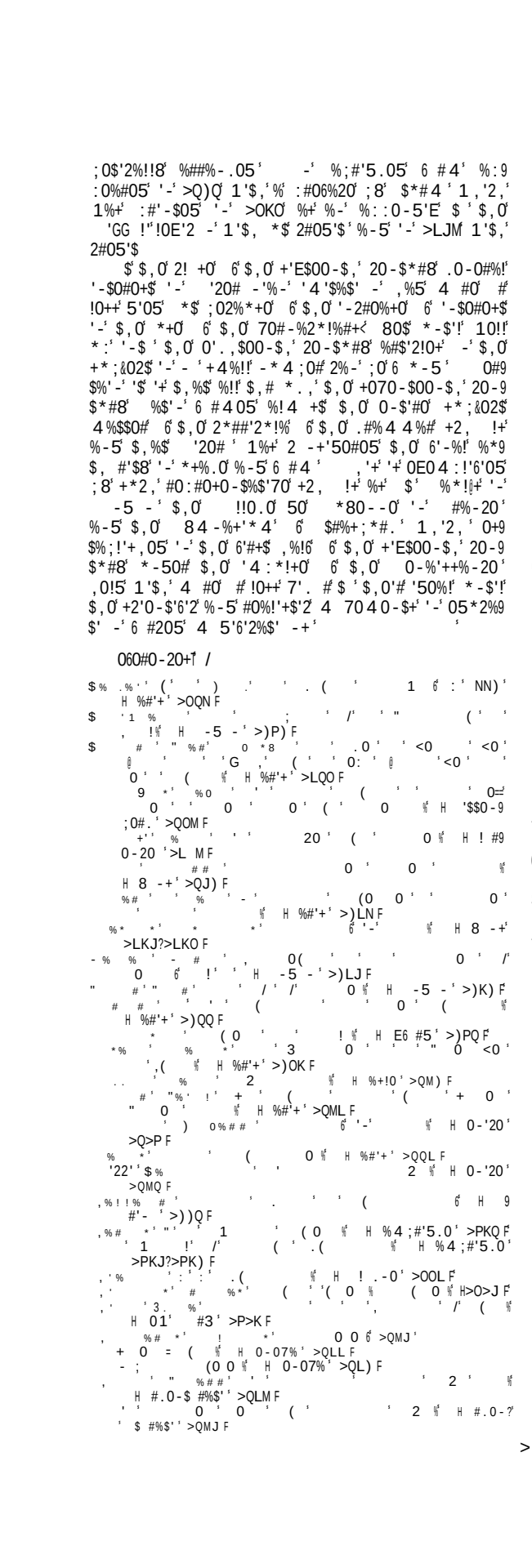
=

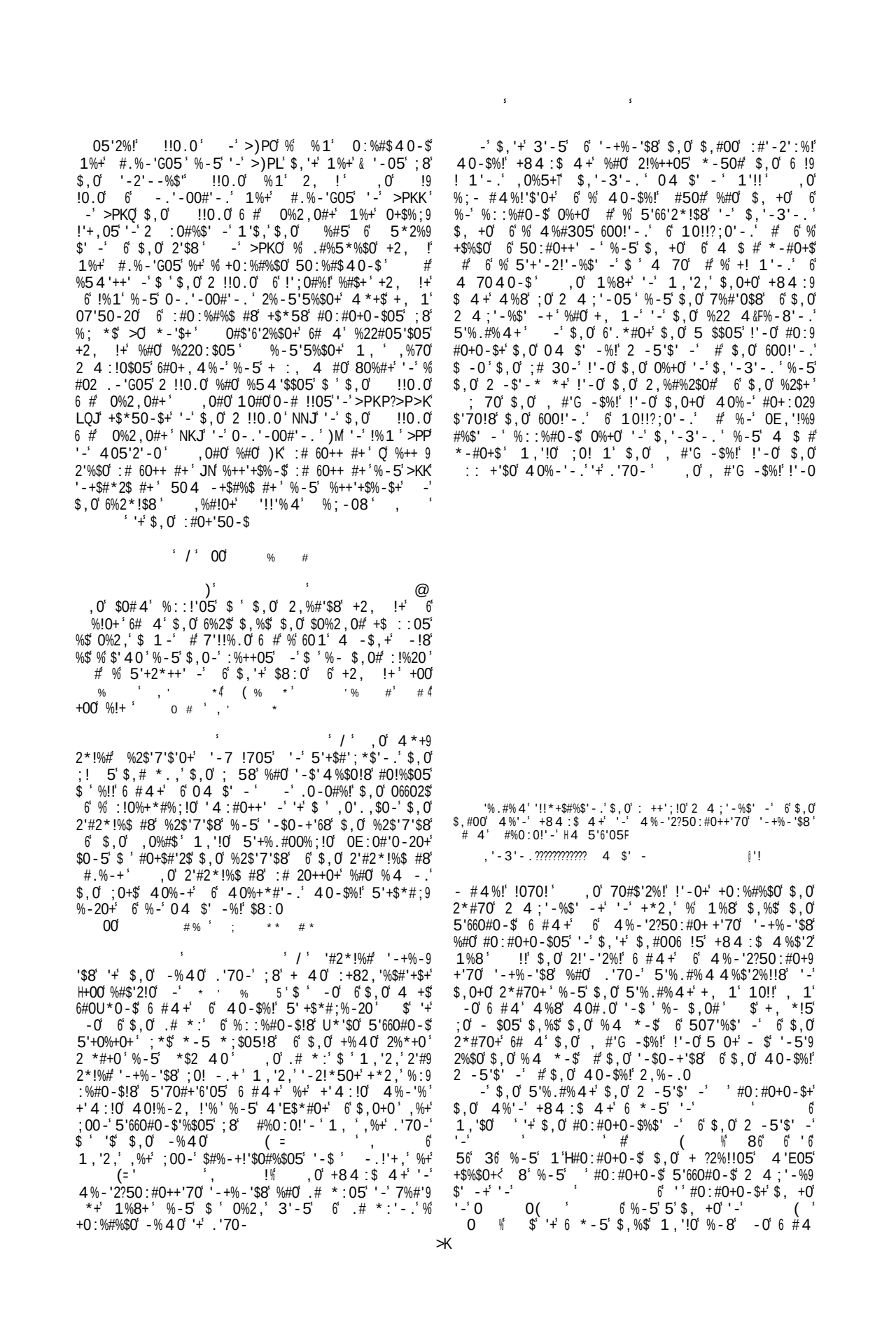
%; *$'$,'+5%$0 4%8 ;0 2'$05%+ :# 4 $'-.$,0 '20# -'%-'50%!'!%'5 5 1-'; 8 %#G'GG%%-5 '$? $ #'- < $,0 0 2 0(6 '!-0%+ 8!7'*+4<% %# H>MQKF%-5'$,0 ' 0 6 0 -%#5 #*-" H>MLNF

,0 5070! :40-$ 6$,%$:,%+0 6 '20# -'%6'? '+4 1,'2,4%50 '20# $,0 0E2!*+'70 4 50!6 +$8!0 ,%5 #0%2,05+*2,:# : #$'-+$ 1%#5$,0 0-5 6 $,0 6'6$00-$,20-$*#8$,%$ $,0 #%$' -%!' '20#+-'%-+ 6$,0 $8:0 6 %#G'GG%2%40 $;0 2 *-$05'%+0-04'0+'%-5'$,0+0#7'!0'4'$%$ #+10#0 2 -+'50#05$,0 -!8$#*0 5'+2':!0+ *$ 6$,'+ 5'660#0-20 6'-$0#:#0$%!& -.#01$, +0 6%4 *+ 2 -$# 70#+'0+ 6 ..' #%22'!'-"%-5' #0-G ' %!!%4<% %*6 '%-6#.-20+ '2 %-5' 0$# 04; -.0!' !'G'%-%-5' % ! #$0+'' %+10!!'%+$,%$! -.'!'-0 6'2,%#.0+'%-5'5060-0+ '-+$'$*$05'; 8$,0 (0 6 #%+4*+ ,0 6,-+$ 6$,0+0 2 -$# 70#+'0+ #'.'-%$05'-'% 2#'$'2'+4' 6 ..' [' 5'2$'-'1,'2,',0; %+$05' $';0:0#602$ '20# -'%-'4%50; 8 -0 6 %!!%+ :*:'!+ %!!%,%5;00-'05*2%$05'%$ %-$*%' *-50# '$$ #'- ';*$',0:#060##05]*'-$'!'%-'$' '20# '%-5'0+$%;!'+,05'%+2, !'%$ 40 H>MQMF 1'$,'$,0'%7 105':*#: +0 6 0E%!$'-.'] *'-$'!'%-' 70# '20# '%$0# ,0 1# $0',+ ' 0 6 $ (',0: '-$05'*$4'+$%30+' '-' '20# '%! -.'1'$,' $,0# %-2'0-$ 1#'$0#+' ,0 U*%##0!' 70# +$8!0 1%+';*$%4'-#:%#$ 6 $,0:0#+ -%!U*%##0!';0$100-'$,0'$1 '40-';*$ '-'$,0 2 *#+0 6 ,'+ %$$%23 *:-'%!!%'..' +%8+ R' ,%$2%-';0:!%'-0# #4#0 :0-' +'.-' 6 +$*:'5'$8$,%-'6 # -0$'5%#0$';0 5'+9 :!0%+05 1'$,' '20# 0! U*0-20 %-5'$',-3 $,%$,0 2%-'4:#70 *:-'$8 '4%-',%+ 070# 5%#05'$'5'$,'+;06 #0' %!!%'$,0 4%5 5 .'$,0#%'!'-.'#07'!0#'$,0 1#%-.!'-.':0$$'6 .9 .0#'040#.'-.'6# 4'+40, 70!'%$$%23+ '20# ' 1, 4'%!!%23- 1!05.0'$' ;0'$,0. !50-'+$#0%4' 6 0! U*0-20 S ,0 !0$$0#+ 6 !'$'%-'%-5' 5#$0+ H>MPJF6 #4' #0%!!8'$,0'6'#+$ +0#' *+2 -9 $# 70#+8 -'$,0'+*;&02$' -'$,'+ !'$'%-'4%'-9 $%'-+ $,%$ '-5'7'5*%!' #'.'-%!'$8 '+ :++';!0' $, *.,' 2!%++'2%!4 50!+ %#0 %220:$05' $,%$ -$,'-'+ 4 #0 5%-.0# *+' $,%-' $,'+ -01!8 %#'+0-' +*:0#+$'$' -' %-5'$,%$ -$,'-.'+ 4 #0 5'+.*+$'-.'$,%-'$, +0 %:0+? 6 '20# < #$0+ 5060-5+' $,0' :# : +'$' -'$,%$ '20# ' +, *!5';0 $,0 0E2!*+'70 4 50!' 6 +$8!0';02%*+0'$'+6 !+,' $ ' 4'$%$0 %-8 0E20:$ $,0';0+$ %-5'$,%$ '4'$%9 $' -' %+ *-50#+$ 5';8 '20# '+-020++%#8 '-' 2 4:+'$' -' ,0 !0$$0#+' 6 '2 '%-5' 04; ' H>Q>N?>Q>JF %#0 +'4'!%# '-'2 -$0-$ %-5' %#.*9 40-$'$, *.,' 70#8 4*2,' !-.0#' 04; ' 1%+ $,0 :#004'-0-$!0%50# 6$,0 +$#'2$ '20# -'%-+' 1, +0 2%- -+ 6 +$8!0 %#0 10!' 0E04:!'6'05' - $ -!8''-$,'+!0$$0# $ ' '2 ';*$%!+ ''-',+1 !' /' (6 1,0#0,0 2%!!+$,0 4*-'2':%! 2 *-2'!9 !#+ (' (6$,0'-*-+ 6 $,0 +%'-$+ 6 %-5'$,0 2%#5'-%!+ 6'-' #50# $ '4'$%$0 '20# 5 !0$ '4<% %*6 1, +0 -%40'+%!1%8+!'-305 1'$,'$,%$ 6 04; '1,0-' '20# -'%-+%#0 40-$' -05'5'5- $6 !! 1' '20# '+'+!%7'+,!8'%-5'-',+' ' 2 (0 ,0'5 0+ - $+0$*:' '20# '%+$,0 -!8 4 50!

!'$'%-'%-5' '2 ';$,':#0%2,05'%-5':#%29 $'205'$,0'# 5 2$#'-0'-' ! #0-20';*$ 1'$,' -!8 4 50#%$0'+*220++'6 #$,0'+2, !%#+ 6 $%!8'10#0 6%+$ 8'0!5'-.'$'$,0'+$#'2$0# '-$0#:#0$%$' -' 6 '4'$%$' -' ,0 -'70#+'$8 6 %5*%'1,'2,',%5 ;00-'$,0', 40 6 %#G'GG%%-5'$,%$ 0%#!8',*9 4%-'+4'1,'2,'+ *.,$ $,0'+:'#'$ 6 '20# '%-5' -$$,0'6 #4'40#0!8',%5' 1';02 40'$,0'20-$0# 6'$,0'+$#'2$0# +02$' 04; ',%5'+0$$!05-$,0#0' '!!%- 7%-*+' H>QNLF%-5' -. !'*+' H>QNNF 10#0' :#60++ #+' 6 #,0$ #'2' '-' $,0' -'70#+'$6' %-5' %4 -.'$,0'+$*50-$+' 10#0 0.'-%!5' !0' %$'?' 40#'%-5' !0$

'20# -"%-'+4';02%40 % 4%$$0# 6 .0-0#%!' '-$0#0+$'-' #%-20'%-5' 0#4%-8*:-'$,0':*;9 !'2%$'-' 6 $,0' (0 6 #%+4*+' &<% %* H>QN)F 06 #0 $,%$ $'40 #%+4*+',%5' 2#'$'9 2'G05' $,0' $%!'%-' '20# -'%-+' %-5',%5';00-' 2#'$'2'G05';8'$,04';*$ *# :0',%5'.'70-'!'$$!0' ,005' #%+4*+'1%+' 6'$,0'0%#!8' $%!'%-' 0-%'+9 +%-20'+2, !' 0';0!'0705'-'$,0'4'$%$' -' 6 '20# -'%-'6#4'%-5'52$' -';*$',0'1 *!5'- $ +*; #5'-%$0'+*;&02$ 4%$$0# $ '6#4'- # 1 *!5' ,0*+0':%.%-'7 2%;*!%#8'-'$#0%$'-.' ,#'+$'%-' $,040+' (0',0'%,%5'#'5'9 2*!05'$,0'+0#7'!0'4'$%$ #+' :'23'-.'$,04' *$ %-5'#07'01'-.'$,0'# 6%*!$+' ,0 6 *-5' ,'4+0!6' %+' ,0 0E:#0++0+'$' R'%-'%+' %4 -.', #-0$+ S' (' 2%!'.0# H>QJ>F%-5' $'0--0' !0$ H>QJQF %-+10#05' #%+4*+'+0$$'-.'6 #$,'#0%+ -+1,8' '20# '+, *!5';0'$,0'0E2!*+'70 4 50!'80$50-89 '-.'$,%$ $,0' '20# -'%-+'#06*+05'$'#0%5' # $' *+0' $,0' 7 2%;*!%#8' 6 %-8' $,0# 2!%++'2%!' %*$, #' #%-2'+2*+' ! #'5*+' %;'-*+' H>QJPF' -$ -'*+' *#0$*+' H>QQOF' 0$#*+' %4*+' H>QQOF 4<% %*6%-5' 0-#'2*+' $0:,%-*+' H>QL)F 2 -$'-*05' $,0' #'5'2*!0';0.*-';8' #%+4*+ ,0' GO%!' 6' $,0' '20# -'%-+' $ '*+0' $,0' 7 9 2%;*!%#8' 6' '20# '#0+*!$05' '-' $,0' :*;!'2%9 $' -' 6' !0E'2 -+' :,#%+0' ; 3+' 2 4 40-$%#'0+' %-5'#,0$ #'2+' 4 -.'$,0' 4 +$'4:#$%-$ 6' $,0+0' %#0' $,0' 2 ' 6' 'GG !'' $,0' # ' 6' !0$' %-5' $,0' 0 0' 6' ;0#$' +$'0--0' 1,'2,' 10#0' *+05' *-'70#+%!!8' %+' $,0' +$%-5%#5' %$'-' 5'2$' -%#'0+' 6 #' 4 #0' $,%-' %' 20-$*#8' 'GG !'$' 2 ' 1%+' 6'#+$':*;!'+,05'-' #0+2'%'-'>QJQ' $' 1%+'%6$0#9 1%#5' 05'$05'%-5' 0-!%#.05';8' %+'!'*+' Z%-2,*+' %-5' +0!'*+' 02*-5*+' *#' H %+0!' >QM)F';8' %#20!!*+' U*%#2'%!*:*+' H %+0!' >QLOF %-5' ,#'+$:,0# 0!!%#'*+' H %+0!' >Q)JF *-50# $,0' $'$!0' 6' 0 0' (0)';8' !0E' 2 $' H %+0!' >Q))F 1'$,' $,0' $'$!0' 6' 0' ' (0)';8' %#0GG" H 0-'20' >OKOF %-5' '%2 4 ' %22'%!$'' H %5*%' >LJMF *-50# $,0' $'$!0' 6' (' (0 % ,0#0' 1E#0' %!+' %;#'5.05' 05'$' -+' ;8' -$ -'*+' 2, #*+' H ! -'+0' >QL)F 1'$,'%:#06%20';8' (,-' $*#4' H #.0-$ #%$'' >Q)KF' %-5' -0';8' !5*+' %-*?' $'*+' H #%-2 6' >QPKF' ,0' 0 0' 6' +9 $'0--0'6'#+$:*;!'+,05'-'%$,#00' 6 !' 7 !*40' 05'$' -' '-' >QJO' 10-$ $,# *.,' 7%#' *+' 4 5'6'9 2%$' -+' ;*$ 1%+' - $ 0E2!*+'70!8' '20# -'%-' ,0' ' 6' !0$ H 8 -+' >QJO?>QJ)F 1%+' -070#+' *+%;!0';02%*+0' '$ 1%+' - $ %!:,%?





4%8ʻ ;0ʻ #02 70#05ʻ 6# 4ʻ $,0#0ʻ'+ʻ%ʻ $0-50-28ʻ $ ʻ #02*##0-20ʻ %-5ʻ $,%$ʻ $,0ʻ 6 #4ʻ '-ʻ 1,'2,ʻ $,0ʻ 5'+0%+0ʻ #02*#+ʻ 4%8ʻ ;0ʻ 5'660#0-$ʻ6# 4ʻ$,0ʻ #'.'-%!ʻ 6 #4ʻ , *+ʻ 10ʻ 6'-5ʻ '-5'7'5*%!+ʻ '-ʻ 1, 4ʻ -0ʻ %$$%23ʻ 6ʻ 40!%-2, !'%ʻ # 4%-'%ʻ'+ʻ6 !! 105ʻ ;8ʻ %ʻ +'4'!%# %$$%23ʻ %$ʻ %-ʻ '-$0#7%!ʻ 6ʻ 4 -$,+ʻ # 80%#+ʻ & (0 ʻ (ʻ %-5ʻ (0 ʻ *6 %-5ʻ $,0#+ʻ'-ʻ 1, 4ʻ$,0#0ʻ'+ʻ%ʻ#0.*!%# %!$0#-%$' -ʻ 6ʻ 4%-'%2%!ʻ %-5ʻ 50:#0++05ʻ +$%$0+ʻ 1'$,ʻ # 1'$, *$ʻ '-$0#70-'-.ʻ !*2'5ʻ # - #4%!ʻ :0#' 5+ʻ ;0$100-ʻ$,0ʻ$1 ʻ6 #4+ʻ4 ʻ # !ʻ %-5ʻ ((0 ʻ !%* 22 #5'-.ʻ$ʻ #%0:0!'-ʻ6# 4ʻ >K ʻ$ ʻ >Q ʻ:0# 20-$ʻ 6ʻ %!!ʻ :%$'0-$+ʻ %54'$$05ʻ $ ʻ '-+%-0ʻ , +9 :'$%!+ʻ ,%70ʻ $,'+ʻ 3'-5ʻ 6ʻ '-+%-'$8ʻ %-5ʻ %; *$ʻ $1 ʻ$,'#5+ʻ 6ʻ%!!ʻ 2%+0+ʻ%-5ʻ%; *$ʻ$,#00ʻU*%#$0#+ʻ 6ʻ %!ʻ $,0+0ʻ 2%+0+ʻ ;0.'--'.ʻ ;06 #0ʻ $,0ʻ %.0ʻ 6ʻ NQʻ %#0ʻ .'#!+ʻ %-5ʻ 1 40-ʻ ; *$ʻ >K ʻ:0# 20-$ʻ ,%70ʻ % 6'#+$ʻ %$$%23ʻ ;06 #0ʻ $,0ʻ %.0ʻ 6ʻ >Q ʻ;*$ʻ $,0ʻ .#0%$0+$ʻ -*4;0# 2'-2'50+ʻ 1'$,ʻ$,0ʻ %5 !0+9 20-$ʻ %-5ʻ +*;+0U*0-$ʻ .# 1$,ʻ :0#' 5ʻ 7'Gʻ JLʻ :0# 20-$ʻ 6ʻ $,0ʻ %54'++' -+ʻ 4%% 6'#+$ʻ %$$%23+Fʻ 22*# ;0$100-ʻ$,0ʻ%.0+ʻ 6ʻ >Q ʻ%-5ʻ NKʻ $ʻ 1'!!ʻ ;0ʻ +00-ʻ$,0#06 #0ʻ$,%$ʻ -0%#!8ʻ ,%!6ʻ 6ʻ$,0ʻ$ $%!ʻ -*4;0# 6ʻ$,0ʻ'-+%-0ʻ1'$,ʻ$,'+ʻ6 #4ʻ 6ʻ'-+%-'$8ʻ ,%70ʻ$,0ʻ6'#+$ʻ%$$%23ʻ5*#'-.ʻ$,0ʻ:0#' 5ʻ 6ʻ+2, !ʻ !'60

-ʻ $,0ʻ :# 5*2$' -ʻ 6ʻ $,'+ʻ 3'-5ʻ 6ʻ '-+%-'$8ʻ ,0#05'$8ʻ%:0%#+ʻ$ ʻ:!%8ʻ%70#8ʻ'4: #$%-$ʻ# !0ʻ 6 #ʻ'$,%+ʻ ;00-ʻ6 *-5ʻ $,%$ʻ $,0ʻ +%40ʻ # %!,05ʻ 6 #4+ʻ 6 40-$%!ʻ 5'+0%+0ʻ0E'+$05ʻ '-ʻ :$,0# 4049 ;0#+ʻ 6ʻ $,0ʻ6%4'!8ʻ'-ʻ%; *$ʻ)K ʻ:0# 20-$ʻ 6ʻ%!!ʻ 2%+0+ʻ ,0ʻ5'+0%+0ʻ4%8ʻ;0ʻ'-'$'%$05ʻ;8ʻ0E$0#-%!ʻ 2-5'$' -+ʻ 40-$%!ʻ+$#0++ʻ%22'50-$+ʻ; 5'!8ʻ5'+9 0%+0ʻ0$2ʻ;*$ʻ 4%-8ʻ 2%+0+ʻ%::0%#ʻ$ʻ #'.'-%$0ʻ +:-$%-0 *+!8ʻ%-5ʻ%!!ʻ+, 1ʻ%ʻ502'505ʻ5'+:# 9 :#$' -ʻ ;0$100-ʻ$,0ʻ #0%2$'-+ʻ H$,0ʻ'-+%-'$8Fʻ %-5ʻ$,0ʻ :#0205'-.ʻ+$#0++ʻ'6 $,%$ʻ%::0%#+ʻ$ ʻ;0ʻ $,0ʻ 2%*+0ʻ ʻ+:02'%!ʻ 40-$%!ʻ 2-+$'$*$'-ʻ # :#05'+: +'$'-ʻ'+ʻ+*::+05ʻ$ʻ;0ʻ:#0+0-$ʻ'-ʻ $, +0ʻ 1, ʻ,%70ʻ 4%-'2?50:#0++'70ʻ%$$%23+ʻ%-5ʻ $,'+ʻ'+ʻ+, 1-ʻ;8ʻ$,0ʻ$0-50-28ʻ6ʻ$,0+0ʻ:%$'0-$+ʻ $ ʻ.0$ %$$%23+ʻ 6ʻ:0#' 5'2ʻ 50:#0++'-+ʻ%-5ʻ0E9 2'$040-$+ʻ 1,'2,ʻ%#0ʻ- $ʻ +*66'2'0-$!8ʻ+070#0ʻ$ ʻ ;0ʻ2%!!05ʻ'-+%'!$8 ,0ʻ5*#%$' -ʻ 6ʻ $,0ʻ5'+0%+0ʻ,%+ʻ+ 40$'40+ʻ ;00-ʻ+%'5ʻ$ʻ ;0ʻ$,0ʻ!'60$'40ʻ;*$ʻ$,'+ʻ2%-ʻ ;0ʻ +%'5ʻ -!8ʻ ;02%*+0ʻ$,0#0ʻ'+ʻ$,0ʻ$0-50-28ʻ$ʻ#09 2*##0-20ʻ%-5ʻ;02%*+0ʻ 6ʻ$,0ʻ40-$%!ʻ2-+$'$*9 $'-ʻ #%2$'2%!!8ʻ%!!ʻ 2%+0+ʻ,%70ʻ$1 ʻ%$$%23+ʻ $,0ʻ:%$'0-$ʻ;0'-.ʻ-#4%!ʻ+ʻ6%#ʻ%+ʻ$,'+ʻ2%-ʻ;0ʻ 50$0#4'-05ʻ;0$100-ʻ%$$%23+ʻ ,0ʻ:0#' 5ʻ'-5'7'5*%!ʻ %$$%23+ʻ.#0%$!8ʻ7%#8ʻ'-ʻ5*#%$'-< +40ʻ:0#+'+$ -!8ʻ -0ʻ$ʻ$1 ʻ1003+ʻ4 +$ʻ%#0ʻ6# 4ʻ0ʻ$ʻ)ʻ 4 -$,+ʻ%-5ʻ%601ʻ2 -$'-*0ʻ6 #ʻ%+ʻ! -.ʻ%+ʻN $ʻM 80%#+ʻ 0%!ʻ2'#2*!%# '-+%-'$8ʻ1,'2,ʻ,%+ʻ ;00-ʻ506'-05ʻ%; 70ʻ%+ʻ%!$0#-%$'-+ʻ 6ʻ4%-'%2%!ʻ %-5ʻ50:#0++05ʻ+$%$0+ʻ1'$, *$ʻ!*2'5ʻ'-$0#7%!+ʻ'+ʻ '-2*#%;!0ʻ%-5ʻ!'60! -.ʻ ,0ʻ :0#' 5ʻ ;0$100-ʻ %$$%23+ʻ 6ʻ$,0ʻ#02 70#%;!0ʻ6#4+ʻ7%#'0+ʻ%+ʻ .#0%$!8ʻ%+ʻ$,0ʻ'-5'7'5*%!ʻ !0-.$,+ʻ 6ʻ%$$%23+ʻ -ʻ 0%#!8ʻ!'60ʻ > $ʻ >K 80%#+ʻ 4%8ʻ'-$0#70-0ʻ 1,'!0ʻ$,0ʻ- #4%!ʻ'-$0#70-'-.ʻ:0#' 5ʻ'+ʻ*+*%!!8ʻ +, #$0#ʻ'-ʻ!%$0#ʻ!'60ʻ -ʻ$,0ʻ $,0#ʻ,%-5ʻ'$ʻ'+ʻ - $ʻ *-*+*%!ʻ$ʻ6'-5ʻ'-5'7'5*%!+ʻ1,ʻ%6$0#ʻ%

6'#+$ʻ%$$%23ʻ'-ʻ8 *$,ʻ#04%'-ʻ- #4%!ʻ*-$'!ʻ$,0ʻ %.0+ʻ6ʻMKʻ#QKʻ ʻ6%#ʻ%+ʻ'+ʻ3- 1-ʻ%$ʻ:#0+0-$ʻ $,'+ʻ3'-5ʻ 6ʻ'-+%-'$8ʻ'+ʻ- $2%*+05ʻ;8ʻ #%++ 9 2'%$05ʻ 1'$,ʻ2,%#%2$0#'+$'2ʻ%-%$ 4'2%!ʻ2,%-.0+ʻ '-ʻ$,0ʻ-0#7 *+ʻ+8+$04ʻ- #'+ʻ'$ʻ2%*+05ʻ;8ʻ 4'2# #.%-'+4+ʻ $ʻ'+ʻ$,0#06 #0ʻ2%!!05ʻ%6*-29 $'-%!ʻ5'+0%+0ʻ #$,0ʻ2,%#%2$0#'G%$'-ʻ6ʻ$,0ʻ 5'660#0-$+84:$ 4+ʻ%-5ʻ6ʻ$,0ʻ5'660#0-$ʻ6 #4+ʻ 6ʻ$,0ʻ5'+0%+0ʻ$,0ʻ #0%50#'+ʻ#060##05ʻ$ʻ $,0ʻ %#$'2!0+ʻ -ʻ %#%'%-5ʻ %

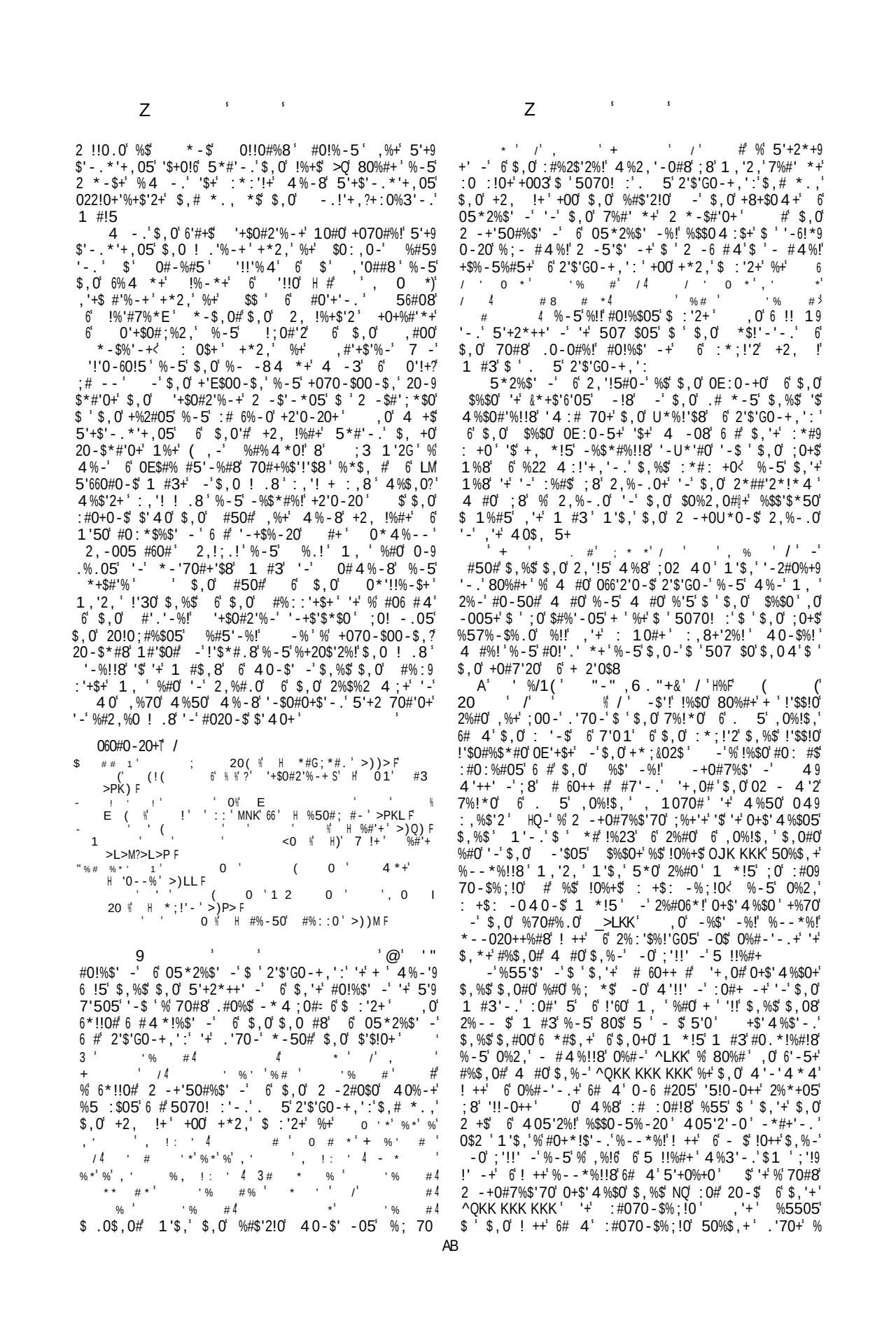
02%*+0ʻ 6ʻ$,0ʻ 4 $#ʻ 4%-'60+$%$'-+ʻ 0+9 :02'%!!8ʻ$,0ʻ2-5'$'-ʻ 6ʻ#0$%#5%$'-ʻ'-ʻ50:#0+9 +'-+ʻ$,0ʻ5'+0%+0ʻ'+ʻ+ 40$'40+ʻ2-6*+05ʻ1'$,ʻ 5040-$'%ʻ:#02 E 4<% %*%-5ʻ1'$,ʻ600;!0?4'-5059 -0++ʻ4<% %*%ʻ ,'+ʻ'+ʻ:%#$'2*!%#!8ʻ$#*0ʻ 6ʻ$,0ʻ 2%+0+ʻ1,'2,ʻ 22*#5*#'-.ʻ$,0ʻ+2, !ʻ:0#' 5ʻ '-20ʻ%+ʻ1%+ʻ-$05ʻ%; 70ʻ%; *$ʻ -0ʻ,%!6ʻ 6ʻ +*2,ʻ:%$'0-$+ʻ,%70ʻ$,0ʻ6'#+$ʻ%$$%23ʻ5*#'-.ʻ$,0ʻ :0#' 5ʻ 6ʻ+2, !ʻ!'60ʻ%3- 1!05.0ʻ 6ʻ$,0ʻ5'+9 0%+0ʻ'+ʻ'4:#$%-$ʻ$ʻ$,0ʻ$0%2,0#ʻ%-5ʻ%-8ʻ%;9 -#4%!'$'0+ʻ 6ʻ2,'!5#0-ʻ#0+04;!'-.ʻ$,0ʻ+84:9 $ 4+ʻ6ʻ$,0ʻ6#4+ʻ6ʻ$,0ʻ5'+0%+0ʻ+, *!5ʻ;0ʻ'49 405'%$0!8ʻ;# *.,$$ʻ$,0ʻ%$$0-$'-ʻ6ʻ$,0ʻ+2, !ʻ 405'2%!ʻ0E%4'-0#ʻ ʻ ʻ

060#0-20+ʻ/

- ʻ '%ʻ #$'2!0ʻ-ʻ %-'%ʻ 0!%-2, !'%ʻ%-5ʻ %-'2?ʻ 0:#0++'70ʻ-+%-'$8ʻ -ʻ 5ʻ" / ('1 # 2 9ʻ /ʻ ʻ (ʻ.((6ʻ !ʻ:ʻ=ʻ::ʻ >>L?>N)ʻ < !% #ʻ ʻ+ !((6ʻ 5ʻ 'MPO?Q)Pʻ H 0':G'.ʻ >PKM F = #ʻ+ ʻ+ !((6ʻ::ʻOQM?QONʻ H 0':G'.ʻ>PKNF H 00%!+ʻ;ʻ;!ʻ .#%:,'0+ʻ*-50#ʻ %# %ʻ %# ʻ %ʻ %-5ʻ * ʻ % 5

ʻ ʻ ?ʻ

:ʻ ʻ ʻ/ʻ ,0ʻ #50#ʻ 6ʻ '+$0#2'%-+ʻ1%+ʻ 6 *-505ʻ%$ '$0%*E'-ʻ$,0ʻ5' 20+0=ʻ6ʻ ,66'-+ʻ '-ʻ>KP)ʻ%+ʻ%-ʻ 66+, $ʻ6ʻ$,0ʻ 0-05'2$'-0ʻ2-9 .#0.%$'-ʻ%$!0+40+ʻ ,0ʻ6 *-50# 1%+ʻ $ʻ ;0#$ʻ ;;$ʻ6ʻ !0+40+ʻ -0ʻ6ʻ$,0ʻ6'#+$ʻ +*:0#' #+ʻ6ʻ$,0ʻ-01ʻ2 44*-'$8ʻ1%+ʻ$,0ʻ -.9 !'+,4%-ʻ $0:,0-ʻ %#5'-.ʻ ,0ʻ0-$#%-20ʻ6ʻ $ʻ 0#-%#5ʻ'-$ʻ$,0ʻ #50# %$ '$0%*E'-ʻ>>>N %-5ʻ$,0ʻ6 *-5%$'-ʻ6ʻ$,0ʻ4 -%+$0#8ʻ6ʻ !%'#?7%*E'-ʻ>>>Q !05ʻ$ʻ%-ʻ0E$#% #5'-%#8ʻ5070! :9 40-$ʻ%-5ʻ%2$'7'$8ʻ -$ʻ -!8ʻ%! -.ʻ +$#'2$!8ʻ 4 -%+$'2ʻ!'-0+ʻ;*$ʻ%!+ʻ'-ʻ$,0ʻ *$+'50ʻ1 #!5ʻ 6ʻ022!0+'%+$'2%!ʻ%66%'#+ʻ0+:02'%!!8ʻ'-ʻ$,0ʻ6 *-9 5%$'-ʻ%-5ʻ:#4$'-ʻ6ʻ7%#'*+ʻ#50#+ʻ6ʻ 2,'7%!#8ʻ'-ʻ$,0ʻ+*:::#0++'-ʻ6ʻ,0#0$'2%!ʻ$0%2,9 '-.ʻ%-5ʻ'-ʻ$,0ʻ#.%-'G%$'-ʻ6ʻ$,0ʻ02-5ʻ #*+%50ʻ 06 #0ʻ$,0ʻ50%$,ʻ6ʻ$ʻ0#-%#5ʻ'-ʻ >>)>ʻ$,0ʻ'+$0#2'%-'ʻ#50#ʻ,%5ʻJMJʻ4 -%+$0#'0+< ;8ʻ$,0ʻ0-5ʻ6ʻ$,0ʻ6 *#$00-$,ʻ20-$*#8ʻ$,0ʻ-*49 ;0#ʻ,%5ʻ#0%2,05ʻLKKʻ ,0+0ʻ10#0ʻ5'+$'-9 .*'+,05ʻ;8ʻ$,0ʻ0E$#% #5'-%#8ʻ+%-2$'$8ʻ%-5ʻ %*+$0#'$8ʻ6ʻ$,0'# '-4%$0+ʻ;8ʻ$,0ʻG0%!ʻ1'$,ʻ 1,'2,ʻ$,08ʻ*-50#$ 3ʻ%-5ʻ2%##'05ʻ*$ʻ7%+$ʻ :# &02$+ʻ6 #ʻ$,0ʻ4%$0#'%!ʻ'4:# 7040-$ʻ6ʻ$,0ʻ $'+$#'2$+ʻ'-ʻ 1,'2,ʻ$,08ʻ10#0ʻ! 2%$05ʻ%-5ʻ;8ʻ $,0ʻ, +:'$%!'$8ʻ%-5ʻ2,%#'$8ʻ1,'2,ʻ%22 #5'-.ʻ$ʻ $,0ʻ$#%5'$'-ʻ6ʻ$,0ʻ 0-05'2$'-0ʻ#*!0ʻ$,08ʻ :#%2$'205ʻ1'$, *$ʻ+$'-$ʻ ,0ʻ6%4 *+ʻ2,# -9 '2!0#ʻ +0+%#'*+ʻ6ʻ 0'+$0#;%0,ʻ,'4+0!6ʻ%ʻ '+9 $0#2'%-ʻ$0!!+ʻ6ʻ%4 -%+$0#8ʻ'-ʻ 0+$:,%!'%ʻ 1,'2,ʻ'-ʻ%ʻ :0#' 5ʻ6ʻ4 #0ʻ$,%-ʻ #5'-%#8



;'!!' -%-5'% ,%!6 6#0%5'!8 :#070-$%;!0 1%+$0 '-$,'+2 *-$#8 :# 7'505 5*0 0%#0 10#0 :%'5 $,0%!$, +'50 6# 4 $,0 U*0+$' - 6 $,0 :# 9 ! -.%$' - 6 !'60 %-5 $,0 5'#02$! ++ 6# 4 '!!-0++ +, *!5;'0%5505 $,0+* 4'! +$6# 4'*-5*0 6%$'.*0+ %-5 4'- #%'!40-$+ $,%$5 - $#0U*'#0 $,0 2%#0 6%:,8+'2'%-;*$ 1,'2,5 !0++0- 502'505!8 $,0 066'2'0-28 6 1 #3 ,0 +%40 2%#06*! ;9 +0#70# :!%20+ $,'+! ++ %$ - $!0++ $,%-' QKK KKK ? KKK ,0 $ $%! :#070-$%;!0 ! ++ 6# 4 50%$,' %-5 5'+0%+0 %-5 4'- #%'!40-$+ 1 *!5;0 - $!0++ $,%-^N KKK KKK KKK %--*%!!8 %#'5 '+ :# ;9 %;!8 $1 #$,#00 $'40+ %+ 4*2, HOF " # % / '$, $,0+0 6%2$+ %-5 2 -+0#7%$'70 0+$'4%$0+ ;06 #0 *+ 10 +00 , 1 0E$#040!8 '4: #$%-$ '$ '+ $,%$ *#+2, !+ $0%2, ,8.'0-0 6 #$,0 '-5'7'5*%!' -' #50#$,%$ $,# *.,$,0 '-9 2#0%+05 066'2'0-28 2 4'-.'6# 4 5 ,0%!$,'%-5 $,0 %5505 !0-.$,' 6$,0 :0#' 5 6 066'2'0-28 2 49 '-.'6# 4 ! -.'!'60 6$,0 '-5'7'5*%! $,0 $%$0 4%8 ;0 $#%'-05 $ '$%30 6','+ 1-,0%!$,', 1070#''+ $,0 .#0%$ %57%-$%.0 $; 0 +02*#05 6# 4 $,0 +:02'%!'G05 $#%'-'-.' 1,'2,' !0%5+ $ ' 066025'70 +%-'$%#8 40%+*#0+ 0-6 #205 ;8 $,0 +$%$0 %*$, #9 '$'0+'%-' 0-6 #2040-$ 1,'2,'2%-';0 4%50 4*2, 4 #0 066'2'0-$ $,# *.,$,0 ,0%#8 2 :0#%$' - 6 $,0 2'$'G0-+ $#%'-05 $ '3- 1'$,0 -005 6 +%-'9 $%#8 40%+*#0+ %-5 1'!!'-.'$,04+0!70+ $ '+*;4 '$ $ '%-8 :0#+ -%! 5'+2 46 #$ $,%$ 4%8 ;0 #09 U*'#05 6 # $,0'# 0-6 #2040-$ N 0-$%! 070! :40-$' / 'H%F : ! 0E$' -'4: #$%-20 $ ' :,8+'2%! ,0%!$,''+ $,0 5070! :40-$ 6 -0 40-$%! 0U*':40-$ %-5 2%:%2'$'0+ + '%+ $ ' 0-#'2,'!'60 ,0 1'50# $,0 #%-.0 6 +84:%$,8 %-5 $%+$0 $,0 4 #0 -*40# *+%#0 $,0 : : #$*-'$'0+6 # $,0 %$'6'9 2%$' - 6 -#4%! ,0%!$,6*! 50+'#0+ %-5 $,0 4 #0 6#0U*0-$ %-5 500:'$,0 +%$'+6%2$' - ' ,0 4%-'1,'1%!3+ $,# *.,'$,0 1 5+ %-5 6'0!5+ 1'$,'080+ *- :0-05 $ ' $,0 ;0%*$'0+ 6 -%$*#0 %; *$,'4';8',+3- 1!05.0 6 $,0 -%$*#0 %-5 :# 20+ 6 5070! :40-$ 6 :!%-$ %-5 %'6'4%! !'60 ! +0+ %!4 +$ %!! 6 $,0 .#%$'6'2%$' -' %-5 +%$'+6%2$' - $,%$ 2 40+ $ ','41,'+00+ - $ 40#0!8 1'$,',+ 080+ ;*$ 1'$,',+ *-50#+$%-59 '-.' $,0 4%-'*-+3'!!05'*-$#%'-05 '-'4*+'2 $,0 1 #3+ 6 $,0 .#0%$0+$ 4*+'2'%-+ 6%!! -'0%#+ $,%$,0%# - $' ' $,0 :0#+ -' 1 , +0 !'$0#%#8 $%+$0 #04%'-+*-2*!$'7%$05'$,0 .#0%$0+$ 4%+$0#+ 6 !'$0#%$*#0 6$0-';#'-.' '40++%.0 4 #0'4: #9 $%-$$,%-'$,%$.'70-';8'$,0'.- #%-$'+0-+%$' -%! #0: #$0# 6 $,0 2,0%:'5%!8 :#0++' %-8 6 $,0 .#0%$0+$ +%$'+6%2$' -'-'!'60 4*+$2 40 6# 4'$,0 05*2%$' -' $,%$,%+ %1%30-05 50+'#0+' $#%'-05 $%+$0+'%-5 $,*+:#0:%#05 -0 -%$*#0 6 #*-50#9 +$%-5'-.'%-5 0-& 840-$'-'6'0!5+ $,0#1'+0 - $ %220++';!0 %#$ 6 $,0 $#%'-'-.' 6$,0 +2, !+'+- $:#'4%9 #'!8 6 # :0#+ -%! $#%'-'-.' ;*$ $ ' 6*#-'+,' $!+ 6 # 6*#$,0#'-70+$'.%$' -'-5 $,0 40%-+' 6 .0$9 $'-.'%2!0%#0# 7'+' -' 6 $,0# 6'0!5+ 6 !0%#-'-.' ' 3- 1!05.0 6 !%-.*%.0+.'70+ -0 %220++ $ ' $,0 !'$0#%$*#0 %-5 +2'0-20 6 $,0# :0 :!0+ #'$,40$'2 %-5 4 +$ 6 $,0 $,0# 6 #4+ 6 4%$,04%$'2%!' !0%#-'-.' %#0 308+ ;8'1,'2,'%#0 *-! 2305 $,0 $#0%+*#0 ,*+0+ 67%+$# - 48%-5 :,8+'2+ %-5 %&"' $,0 $!+ ;8 1,'2,'$,0 -.'9 -00#+ :!%-'$,0'# ;#'5.0+ %-5 6%2$ #'0+ 1,'!0 :%'-$'-.'%-5 5#%1'-.'6*#-'+,'% 40%-+ 6 2 -9 708'-.'50%+ 4 #0 7'7'5!8 %-5 %22*#%$0!8 $,%-' $,0 +: 30-'1 #5 HOF . (/ ' # 4 $,0 + 2'%! 7'01: '-$' 40-$%!' $#%'-'-.' .'70+ -0 $,0 %;'!'$8 $ ';0 *+09 6*!' '-' + 2'0$8 ,0 +3'!!' '-' 2#%6$+4%-+,':' 6 $,0 2%#:0-$0#%-5 4%+ -'%-5 50+'.-0#'+:*$ %$ $,0 +0#7'20 6 $,0 '-5'7'5*%!+' !%#.0!8 $ 0-9 %;!0 $,04 $.#%$'68 $,0'#+ 2'%!'-+$'-2$+ *# , *+0+ 6*#-'+,'- $ 40#0!8 +,0!$0# 6 # $,0 '-9 5'7'5*%!' ;*$ %!+ :: #$*-'$'0+ 6 # ;#'-.'-.' -0 +0!6'-$'4%$0 %-5 4 #0 ,0!:6*! $ *2,'1'$,' -0 60!! 1+ ,0 $#%'-'-.'.'70-' $ ' $,0 %#$'+$ ' $,0 #%$ #' $ ' $,0 $0%2,0#'%-5 $,0 +$%$0+4%-'+0#70+ - $ 40#0!8 %+ % 40%-+ 6 :0#+ -%! .#%$'6'2%$' - ';*$ 1,%$ '+ 6 +$'!! .#0%$0# '4: #$%-20'%+ % 40%-+ ;8 1,'2,'$,0+0 :# 4 $0#+ 6 2'7'!'G%$' - 4%8 + ' 1 #3 *: - $,0'# 60!! 1+ %+ 6$0-' $ ' #04 !5 # 070-' #09 2#0%$0 + 2'0$8 B ,$(' (+!' "/5/,#% "-", 6."+&'@ H%F ' . 6 ' /' +02 (' '0 !% / ' 0#,%:+ $,0 ;%+'+ 6 4 #%! %2$' - 4 +$ .0-0#%!!8 %29 20:$05'%+ % $0+$;8 $,'-3'-.'40-'+ $,0 . 5 6 + 2'0$8 ,%$070# %2$' - $0-5+ $ 1%#5 $,0 + 2'%! 10!6%#0 '+ . 5 ,%$070# %2$' - $0-5+ $ 1%#5 $,0 '-&*#8 # 10%30-'-.' 6 + 2'0$8 '+ %-' / 07'! $' ;02 40+ $,0-' $,0 $%+3 6 $,0 05*2%9 $ # $ ' '-+$'!' -$ ' $,0 -%$*#0 6 $,0 8 *-.' $,0 +:'#'$ 6 ;!'.%$' -' $ ' $,0 $%$0 %-5 $ ' + 2'0$8 $,0 '50% 6 + 2'%! 5*$8 -!8 1,0-' $,0 4%+ 6 $,0 2'$'G0-+ +$%-5 #0%58 $ ' :!%20 $,0'# ;!'.%9 $' -+ $ 1%#5 $,0 $%$0 ;06 #0 %!' $,0# ;!'.%9 $' -+ / ' $, +0 $ ' +0!6 ' $ ' 6% 4 '!8 ' $ ' 6#'0-5+ / 5 ' 10 6'-5 $,0 ;0+$' $%$0 ' 1,%$070# '$+ 6 #4 6 . 70#-40-$,'+ +0-+0 6 ;!'.%$' -' $ 1%#5 $,0 $%$0 '+ 70#8 .0-0#%!!8 60!$' '-' %!' 2'7'!'G05 2 44*-'$'0+ '-' $'40+ 6 +$#0++ %-5 5%-.0# ,0#0 '+ !'$$!0 5'66'2*!$8 '-' $'40 6 1%# '-' %-8 -%$' -' '-' +02*#'-.' #02#*'$+ 6 # $,0 +0#7'20 6 %#4'0+ ,0 2'$'G0-+ %!4 +$ $ ' % 4%-' +$%-5 #0%58 -' +*2,' 22%+' -+ $ ' %++*40 $,0 ,%#59 +,':+ %-5 5%-.0#+' %-5 +%2#'6'20+ 6 4 '!'$%#8 !'60 6 # $,0 . 5 6 $,0 $%$0 ,0 5%-.0# $ ' $,0 $%$0 6# 4 !%23 6 $,'+ +0-+0 6 :*;!'2 5*$8 '+ 60!$' - $ '-' $'40+ 6 1%#'' ;*$ '-' $'40+ 6 :0%20 0-' 1,' 1 *!5 - $,0+'$%$0 $ ' #'+3 $,0'# !'70+ 6 # $,0'# 2 *-$#8 1'!! 6$0-' $, *.,$!0++!8 6%!' $ ' #0%!'G0 $,0'# 5*$'0+ 6 7 $'-.' # 6 +0#7'20 -'&*#'0+' # $,0# 3'-5+ 6 $,0'# *$'-0 1 #3 6 2'$'G0-+,':'%-5'-' $,0'# 2%#0!0++-0++ $,08 6$0-' +0!6'+,!8 +%2#'6'20 $,0 . 5 6 $,0 $%$0 $ ' $,0'# :#'7%$0 '-$0#0+$+ HOF C !' /' . (/ ' 6 $,0 $#%'-'-.' 6 $,0 8 *$,',%+ ;00-'+%$'+6%2$ #8 ' $,0 4%-' - $ -!8 1'1!! 600!' ,'+ 5*$8 $ 1%#5 $,0 $%$0 ;*$,0 1'1!! 6'-5'+%$'+6%2$' -''-' $,0 : : #$*-'$8 6 *-+!! !6'+,' +0#7'20 $ ' $,0 $%$0 ,%$ -!8 R ;8 $ '!' %-5 $#';*!%$' -'%#0 $,0'50%!+ 6 !'60 #0%2,05 S 4*+$ - $+00 4 ' $ 4*2,'%,%#5+,': -'+ 2'%!' %+ 10!!

%+ '- :0'I+ -%! #0!%$' -+$,0 0++0-20 6 507 $' - '+ - $ 40#0!8 $,0 1'!!'- .-0++ $ #0-50# +0#7'20 ;*$ $ +%2#'6'20 '6 &'005 ;0 0#7'20 1 ,'2, 5 0+ - $'-2!*50 + 40?.!040-$ EF +%2#'6'20 6%'!+ 6$0- $ %22 4 :!'+, $,0 ;0+$ 6 # $,0 =5 0# 070- '-0-9 & 840-$ $=+ *!5 $,0#06 #0 ;0 $,0 %'4 6 $,0 +2, !+ $: *$ '-$0 $,0 : * : '! %+ 6%# %+ : +9 +';!0 - $ 40#0!8 $,0 +0-+0 6 ;!'.%$' - $ $,0 $%$0 ;*$ %!+ $,0 50+'#0 $ #0-50# .!%5 +0#7'20 $ + 2'0$8 070-' $, *., %$ $,0 2 +$ 6 .#0%$:0#+ -%! +%2#'6'20 =

 % % # / ' ' / 6 % $0%2,0# '+ ,'4+0!6 '4 ;*05 1'$, $,0 +:'#'$ 6 :%#' $'+4 %-5 $,0 50+'#0 $ #0-50# +0#7'20 $%$,0 2 44*-'$8 6 1,'2,', 0'+ % 404 ;0# , 0'1'!! ,%70 !'$$!0 5'66'2*!$8 '-'6'-5'-. 4%$0#'%! 6 # $*#'6? '-.'$,0 4'-5+ 6 ,'+ :*:'!+'-'$,0 +%40 5'#02$' -'-'4%-8 %-5 :0#,%:+'-'%!! 6 $,0 +$*5'0+'-'$,0 2*##'2*!*4 -5 80$ 6 2 *#+0 + 40 +*;&02$+ 2 -$#';*$0 4 #0 0%+'!8 $ $,'+ #0+*!$ $,%-5 $,0#+ !!2%-;0 4%50$,0!:'-;#'5.'-. 70# $,0 R .%: ;0$100-+2, !%-5 !'60S $,0 +2, !4*+$;02 40 % #0%!:%#$ 6 !'60 ,8+'2%! 070! :40-$ /H%F 1! / *:'!+, *!5 20#$%'-!8 ;0 $%*.,$ '-070-$,0 0%#!8 .#%50+ $,0 4 +$ '4: #$%-$ +'4:!0 6%2$+ #0.%#5'-.$,0 2%#0 6 $,0'# ; 5'0+ $,0 '4: #9 $%-20 6 2!0%-!'-0++ 6 6 5'+*'$%;!0'-'3'-5%-5 U*%-$'$8 6 # $,0'# -005+ $,0 '-&*#'0+ $ 1,'2, $,08 %#0 !'%;!0 6# 4 1# -.,%;'$+ 6 2! $,'-. $,0 %57%-$%.0+ 6 :# :0# 0E0#2'+0 %-5$,0 ;0+$ 40$, 5+ 6 +02*#'-.$,0 5 066O2$+ 6 $,0 :# :0# *+0 %-5 6 %7 '5'-.$,0 %;*+0 6 -%#2 $'2+ %-5 +$'4*!%-$+ ,0 0++0-$'%! 6%2$+ #0.%#5'-. $,0 +0E*%! #0!%$' -+ %-5 $,0# '-6 #4%$' - ;0%#'-.5'#02$!8 *: - $,0'# :,8+'2%! 10!6%#0 - 1 6$0- 1'$,,0!5 +, *!5 ;0 .'70- $,04 +'4:!8 %-5 5'#02$!8 %+ 6%# %+ : ++';!0 ;06 #0 1# -. ,%;'$+ 6 !'7'-. ,%70 ;02 40 6'#4!8 6'E05 08 -5 $,0 40#0'-6 #4%$' - , 1070# '$ '+ 50+'#%;!0 $,%$ + 6%# %+ : ++';!0 $,0 :*:'!+ ;0 $,04+0!70+ 5'#02$!8 $#%'-05 %-5 :#0:%#05 '- 4%-8 1%8+ 0#,%:+ 0+:02'%!!8 '- $,0 ! 10# .#%50+ 20#$%'-6 #4+ 6 0E0#2'+0+ $,%$ %#0 '- $,04+0!70+ '-$0#0+$'-. *+2, %+ 4%#2,'-. 5%-2'-. $,0 :!%8'-. 6 .%40+ $,%$ 1'!! +0#70 $ $#%'- - $ 40#0!8 $,0'# 4*+2!0+ ;*$ %!+ $ +$'4*!%$0 $,0 +:'#'$ 6 & 8 *+-0++ '- $,0'# 1 #3 %-5 :!%8 2%- ;0 .'70- $,04 +:02'%!2%#0 2%- %!+ ;0 $%30-'- 4%-8 2%+0+ ;8 40%-+ 6 1%!3+ %-5 $%!3+ %-5 ;+0#7%$' -+ *: - -%9 $*#0 $:*$ $,0 :*:'!+ *-2 +2' *+!8 '-$ 2 -9 5'$'-6 #,0%!$,8 :,8+'2%! 5070! :40-$ HOF . % /] *'$0 0%#!8 %!+ '- $,0 +2, !'2 *#+0 2%- ;0 .'70- $,0 0!040-$+ 6 '-9 +$#*2$' - $,%$;0%# 5'#02$!8 *: - :*;!'2 +0#7'20 ,0 -005 6 +*;4'++' - $:*;30 #0.*!%$' -+ #0.%#5'-.$U*%#%-$'-0 '- $,0 2%+0 6 2 -$%.' *+ 5'+0%+0+ $,0 50+'#%;'!'$8 6 7%22'-%$' - - $ 40#0!8 6 # :0#+ -%! :# 02' - ;*$6 # $,0 :# 9 02' - 6 $,0 2 44*-'$8 $,0 -005 6 %- %509 U*%$0 %-5 :*#0 1%$0# +*:!8 %-5 +'4'!%# +*;9 &02$+ 2%- %!! ;0 0E:!%'-05 '- +*2,' % 1%8 %+ $ '4:#0+ *: - $,0 :*:'!+ $,0 *-+0!6'+, '2, %#%2$0# 6 $,0 ;0+$ 2'$'G0-+,': 1,'!0 +$'!! 6*#$,0# 5'+9 2*++' -+ #0.%#5'-.$,0 -005 6 $%E0+ $;0 !07'05 *: - $,0 '-5'7'5*%!+ 6 # $,0 0+$%;!'+, 40-$ 6? 1%$0# 1 #3+ 6 # $,0 *:;*'!5'-. 6 % +2, ! +8+$04 6 # $,0 4%3'-. 6 ;0$$0# # %5+ 2%- %!! +0#70 $ 04:,%+'G0 $,0 + !'5%#'$8 6 '-$0#0+$+ '-$,0 2 44*-'$8 %-5 $,0 -005 6 +%2#'6'20 - $,0 :%#$ 6 $,0 '-5'7'5*%! $:# 4 $0 $,0 :*;!'2 10!6%#0

 N 0-$%! #%'-'-. / H%F 0#+ -%! 2*!$*#0 '- $,0 +$*5'0+ %!#0%58 40-$' -05 $,%$ +0#70 :#'9 4%#'!8 $ 5070! :'-'$,0 :*:'! -01 $%+$0+ %-5 50+'#0+ $,%$ 1'!! $0-5'-'!%$0# !'60 $ 1%#5'0-#'2,9 40-$ 6 !'7'-.'1'!! 6*#-'+,'%!+ $,0 :: #$*-'9 $'0+ 6 #'-2*!2%$'-.!0++ -+ 6 $,0',.,0# 2'$'G0-9 +,': 6 .0 .#%:,8'+ $%*.,$ %+ % +$*58 6 $,0 0%#$, +*#6%20 '-'$+ #0!%$' -+ $ + 2'0$8 $,0 #'.,$ %$$'$*50 1'!! - #4%!!8 ;0 %++*405 ,0 1%$0# 2 *#+0+'-'$,0'# 7%#' *+ #%4'6'2%$' -+ 6# 4 $,0 4 *-$%'-#'7*!0$ $ $,0 ;# %5 #'70# %!'70 1'$,'70++0!+ 2%##8'-.'$,02 44 0#20 6 $,0 -%$' -'1'!! ;0 - $ 40#0!8 1%$0# 6! 1'-.'$,# *.,$,0 !%-5';*$'1'!! ;02 40 -%$*#0 +%.0-$+ 1%$0#9 '-.'$,0 !%-5+ $ 4%30 $,04 60#$'!0 $ +*::!8 40- -005+'%-5 $,0 40%-+ ;8 1,'2,'$,# *.,' 2 44 0#20 40-'2 40 '-$ 2! +0 :0#+ -%! $ *2,' -0 1'$,' %- $,0# + '%+$ '+%$'+68 - $ -!8 :,8+'9 2%! -005+';*$ %!+ $ '+:#0%5 $,0 40%-+ 6 2*!$*#0 %-5 0-& 840-$ 6# 4 -0 2 44*-'$8 $ %-9 $,0# $,# *., *$ $,0 !%-5 ,0 ;0%*$'0+ 6 !:'-0 +20-0#8 $,0 4%.-'6'20-20 6 '%.%#%' $,0 %10?'-+:'#'-. +:02$%2!0 6 % $ #-%5 # % +$ #4'%$ +0% ,%70 +'.-'6'2%-20 6 # *+ -!8 '-' $,0'# #0!%$' -+ $ + 2'0$8 %-5 $,0'# ;0-06'$ # '-&*#8 $ 4%-3'-5

 ,0 +$*58 6 ,'+$ #8 # 2'7'2+ # !'$0#%$*#0 +, *!5 ;0 2 -5*2$05 :#'4%#'!8 1'$, #060#0-20 $ $,0 !0++ -+ $,%$ 2%- ;0 5#%1-#0.%#5'-.$,0 %2$+ %-5 $,0 4 $'70+ $,%$,%70 !05 $;0-06'$+ $ $,0#+ # $ $,0 '-&*#8 6 + 2'0$8 '-' #50# $,%$;8 1%8 6 0E%4:!0 # 6 1%#-'-.$,0 :*:'!+ 4%8 ;0 !05 $ +00 $,0 *+06*!-0++ 6 ,'+$ #8 # !'$0#%$*#0 # $,0 +$*58 6 . 70#-40-$ $ 1%#5 ,0!:'-.$,04 +,%:0 $,0'# 1- %4;'$' -+ %-5 $,0 :!%-+ 6 # $,0'# !'601 #3 70- 4*+'2 %-5 %#$ %-5+2'0-20 %:+ %2,05 6# 4 $,'+ : '-$ 6 7'01 '-+$0%5 6 40#0!8 6# 4 $,0 7'01:'-$ 6 :,8+'2%! -%$*#0 $%3. - -01 40%-'-.+ $,%$ 4%30 6 # 2'$'G0-+,':

 42* ,'+ +%40 0!040-$ 6 +0#7'20 4%8 !'309 1'+0 ;0 ;# *., $ *$ %!$, *., :0#,%:+ - $ + +'4:!8 # 5'#02$, ``'-$,0 +$*58 6 !%-.*%.0+ $,0 0!040-$+ 6 4'$,04%$'2+ 6 2,04'+$#8 6 :,8+'2+ $,%$ 'a $,04+0!70+ 5 - $ +0#70 :#'9 4%#'!8 $ 1%#5 6!'0 +%$'+6%2$' - 6 % :0#+ -%! 509 +'#0 6 # $,0 %1%" -'-. 6 % -01 $%+$0 ;*$ #%$,0# %+ $!+6 # 6*#($#'+$*58 # 6 # $,0 %2U*'#040-$ 6 % +3'!! $,%!"7'!! 0-%;!0 -0 $ #0-50# ;0$$0# +0#7'20 ,0-$,0 +$*58 6 0!02$#'2'$8 !0%5+ $ $,0 0+$%;!'+, 40-$ 6 $,0 $0!0.#%:, -0 # $,0 3- 1!05.0 6 % 6 #0'.'!%-9 .*%.0 0-%;!0+ -0 $ .0$ '-$:0#+ -%! $ *2,' 1'$,' $,0# #%20+ # $,0 3- 1!05.0 6 4%$,09 4%$'2+ '+$, *.,$ 6 %+ $,0 -020++%#8 0U*': 40-$ 6 #:!%--'-.;*'!5'-.+ %-5;#'5.0+ %-5 #%'!# %5+ $ +0#70 ,*4%- -005+ $,0+0 +*;&02$+ !'301'+0

%++* 4 0' % 4 0%-'-.'6 #+ 2'0$8' $,%$' %$' 6'#+$' 4 %8'
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4 %-*%!' $#%'-'-.' '6' :# :0#!8' $%* "' $ ' ,'!0' '$'
+0#70+' $ ' .'70' $,0' ; 58' 0E0#2'+0' %-5' $,*+' $ '
:# 02' $,0' ,0%!$,' 1,'!0' '$' .'70+' $ ' $,0' ,%-5'
%-5' 080' $,0' $#%'-'-.' $,%$' 4 %30+' 6 # 4 0-$%!'
5070! :4 0-$' '$' %!+ ' ,%+' %' 5'#02$' %+:02$' 6' +0#9
7'20' 6 *-5' '-' 601' +$*5'0+' 6' %:*:'!' 4 %30+' %
1 #3; E' 6 #',' +' 4 $,0# # % 2,%'# 6 # $,0', *+0'
% +!05' 6 #',' 4 +0!6' ,0' +00+' %$' -20' $,0' *+06*!9
-0++' 6',' +' 1 #3' 6 #',0!:'-.' $,0#+' %-5' $,%$' '+'
5'#02$!8' %$#%'-'-.' 6 #2'$'G0-+,':' 0#,%:+' $ '
'-'-' $,0# 1%8' 2%-' $,0' :%#0-$+' 6' $,08' %#0' !0%#-'-.' '-' $,0'
+2, !+' +3'!!' $,%$' +00 4+' $ ',%70' % 4 -08?4 %39
'-.';0%#'-.' 1,0$,0# '$' ;0' '-' 2%#:0-$#8' # 2 39
'-.' $,0' :%#0-$+' 4 %8' 10!!' ;0' 4 #0'#0%58' $ '!0%70'
$,0'# 2,'!5#0-' %#0' $%30-' 6# 4' +2, !' $ ' 0%#-' 4 -08'
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$,0 02 - 4'2 %-5 05*2%$' -%!' -020++'$8 6 2 -$# !' %-5 5'#02$' -' ;8 0E:0#$+ ,%7'-.' %-%:: #'%$0 $02,-'2%!' $#%'-'-. +$ -' +'-20 >PK>' %66 #5+' %-' '-$0#0+$'-.' '!!*+$#%$' -' 6 % +:02'%!' +2, !, *+0 50:%#$40-$' 2 4: +05 6 $,#00 2 44'++' -0#+ %:: '-$05 ;8 $,0 4%8 #' ,'+ +2, !, *+0 50:%#$40-$ 0E0#2'+0+ %' 4 +$ 2 4 :!0$0 : 10# %-5 %*$, #'$8 #0!%$'70 $ ' $,0 +0!02$' -' 6!%-5+ 6 # +2, !' :*#: +0+' $,0 4%39 '-.' %!$0#'-.' %-5 %: :# 7'-.' 50+'.-+ %-5 :!%-+ 6 # +2, !' :*#: +0+' %-5 $,0 0#02$'-.' #0:%'#'-.' 6*#-'+,'-.' %-5 :#0:%#'-.' 8%#5+ 6 # +2, !+ . ' " % / ' -' $,0 0E0#2'+0 6 '$+ 6*-2$' -+ %+ $,0 %.0-$ 6 $,0 +$%$0 ' $,0 2'$8 '-' $,0 4%'-' %2$+ $,# *.,' $+ 1-' ; %#5+ %-5 66'20#+' %-5 -50# !0.'+!%$'70 +%-2$' -+ $' '-6#0U*0-$!8 $,0 2'$8 '+ $ ' + 40 50.#00 +*;&02$' $ ' +$%$0 %-5 2 *-$8 ; %#5+ 6 05*2%$' -' +$%$0 %-5 2 *-$8 +*:0#'-$0-50-$+' +$%$0 %-5 2 *-$8 ; %#5+ 6 0E%4'-0#+' $0E$; 3 2 44'++' -+' ,'.,' +2, !' '-+:02$ #+' %-5 6%2$ #8 '-+:02$ #+' H 00 %#$'2!0+ -' # %#' ' * '%-5 ' %! 5 +' % .0-0#%!' $,'-.' $, *.,' %-8 5'#02$ %*$, #'$8 6 $,0 +$%$0 '+ 50!0.%$05 %-5 :0#%$0+' '-5'#02$!8 %+ #0.%#5+ %2$*%!' 2 -9 $# !' %-5 %54'-'+$#%$' - + / ' %/' !!' 6 $,0 4%2,'-0#8 6 #.%-'G%$' -' %-5 $,0 0E$0#-%!+ 6 $,0 :*#: +0 6 0&602$'70!8 %22 4:!'+,'-.'+:02'6'2 05*9 2%$' -%!' %'4+ ,0 +*:0#'-$0-50-$ 6 +2, !+ %-5 ,'+ :# 60++' -%!' %++ 2'%$0+ / '%++'+$%-$ +*:0#'-$0-50-$+' :#'-2':%!+ 6 0!040-$%#8 +029 -5%#8 '%-5'+:02'%!' +2, !+ '$0%2,0#+ %-5'+*:0#9 7'+ #+ 6+:02'%!'+*;&02$+ H4*+'2'5#%1'-.'-%$*#0 +$*58 4%-*%!' %#$+ 0$2 F 5'#02$ #+ 6+:02'%!' %2$'7'$'0+ H7%2%$' -' +2, !+ #02#0%$' -' 20-$0#+ :!%8.# *-5+ 070-'-.'+2, !+ <<% %*6 %-5 2!%++9 # 4 $0%2,0#+ / '2 -+$'$*$0 $,0 :# 60++' -%!' #.%-'G%$' -' ,0 20-$#%!'G'-.' $0-50-28 '-' %!' +2, !' %54'-'+$#%$' -' ,%+ #0+*!$05 '-' $,0 -020++'$8 6'+*2,'#0 #.%-'G%$' -' 1'$,'-'$,0 :# 960++' -%!' 6 #20 %+ 1 *!5 '-2#0%+0 $,0 '4: #9 $%-20 6'$,0'-5'7'5*%!' *-'$ 2, !' :# .#%4+' 2 *#+0+ 6 +$*58 4<% %*6 +0!02$' -' 6 $0E$; 3+ <% %' %-5 %: :%#%$*+' %-5 $,0 50$0#4'-%$' -' 6 +$%-5%#5+ ,%70 2 40 '-' $,0 10!!?%54'-'+$0#05 %-5 10!!? #.%-'G05 4*-'2':%!' +2, !' +8+$04+$;0 #0.%#505 %+ 4%$$0#+ ;0! -.'-.' - $ '$,0'!%8 '-0E:0#$ %54'-'+$#%$'70 ; 58 H; %#5 6 05*2%9 $' -F - # $ ' %-8 +'-.!0 ;*#0%*2#%$'2 ,0%5 ;*$ $ ' $,0 0-$'#0 ; 58 6 $,0 :# 60++' -%!' %54'-'+$#%$' -' %2$'-.' 2 ;''2#%$'70!8 ,0 0E9 $0#-%!' %*$, #'$'0+ %-5 4*$*%!' #0!%$' -+,':+ 6 $,0 '-5'7'5*%!+ 2 4:#'+'-.' $,'+ :# 60++' -%!' %54'-'+$#%$' -' '+ - ' ! -.0# %' +'.-'6'2%-$ '$04 '-'.0-0#%!' +2, !' 2 -$# !' ,0 2,'06:# ;!04''+ $ ' #.%-'G0 %-5 %$ $,0 +%40 $'40 504 2#%$'G0 $,0 $0%2,'-.' 6 #20 6 $,0 +2, !+ 6 $,0 4 50#-' 2'$8

4:0$0-$:# 60++' -%!' %54'-'+$#%$' -' 40%-+ :# :0#!8 05*2%$05 %-5 $, # *.,!8 $#%'-05 $0%2,0#+ +' %' .0-0#%!' #*!0 2'$8' +2, !' +8+$04+' %#0 %*$, #'G05 $ ' 0+$%;!'+,' ','.,0# +$%-5%#5+ 6 # $,0 $0%2,0#+ %-5 :# 60++' -%!' 66'20#+ $,%- $, +0 :0#%$'-.' .0-0#%!!8 '-' $,0 +2, !' +8+$04 6 $,0 +$%$0 #0U*0-$!8 +:02'%!' ; %#5+ 6 0E%4'-0#+ %#0 2#0%$05 6 # $,'+ :*#: +0 '-' $,0 2'$8 ' 40#'$:!%-' 6 %:: '-$40-$ %-5 :# 9 4 $' -' '+ ;0'-.' .#%5*%!!8 %5 :$05 %-5 5070!9 :05;8 :# .#0++'70 2 44*-'$'0+ 0#4%-0-28 6 $0-*#0 .#%5*%$05 2 4:0-+%$' -' +2%!0+ %-5 #0$'#040-$ 6*-5+ %#0 +0#7'-.' $;#'-.' $:' $,0 +0#7'20 6 $,0 2'$8 $,0 ;0+$ 6 $,0 $%!0-$ %-5 $ '+$'4*!%$0 '$ $ ' $,%$ 6 #4 6 %2$'7'$8 $,%$ 1'!! :# 5*20 $,%$ 50.#00 6 05*2%$' -%!' O66'2'0-28 504%-505 ;8 $,0 2 -5'$' -+ %-5 2'#2*4+$%-20+ 6 *#;%-' !'60

% / ' ,0 2,%#9 %2$0#'+$'2 $0-50-28 6 :*;!'2 %54'-'+$#%$' -' ,%+ ;00-' $ 1%#5 $,0 20-$#%!'G'-.' 6%*$, #'$8'-' $,0 ,%-5+ 6% #0+ -+';!0 601 ,0 $#0-5 6% U*%#$0# 6% 20-$*#8 '-' :*;!'2 +2, !' %54'-'+7 $#%$' -' ,%+ 0E,';'$05 $,'+ $0-50-28 '-' % 4%#305 1%8 070#$,0!0++ :*;!'2 05*2%$' -' +$%-5+ + 401,%$ %:%#$ 6# 4 $,0# %2$'7'$'0+ +*;&02$ $ 5'#02$ + 2'%!' 2 -$# !' :*!%# '-$0#0+$' '+ 6 # +0!6?07'50-$ #0%+ -+ % 7'$%!' 6%2$ # '-' '$+ 10!6%#0 %-5 :# .#0++' #.%-'G0 :*;!'2 +0-$'40-$ '-' $,0 +*:: #$ 6 :!%-+ 6 # '4:# 7'-.' :*;!'2 +2, !+ 6 $,0 2'$8 %-5 $ %66 #5 %7:0-*0+ 6 # '-5'#02$:%#$'2':%$' -' '-' $,0 1 #3 6 +2, !' 2 -$# !' %#0 $,0 %'4+ 6 -*40# *+ 2!*;+ %++ 9 2'%$' -+ %-5 '-50:0-50-$ 2 44'$$00+ 6 2'$'9 G0-+ 4%-+ 2!*;+ 2'7'2 '4:# 7040-$ + 9 2'0$'0+ :*;!'2 05*2%$' -' %++ 2'%$' -+ :%#0-$+ %++ 2'%$' -+ %-5 2 440#2'%!' 2!*;+ %#0 $8:0+ 6 0E$#%?!0.%!' #.%-'G%$' -+ 1,'2,' %#0 +*:9 :!040-$%#8 $; %#5+ 6 05*2%$' -' %-5 1,'2,' 0E0#2'+0 % .# 1'-.' %-5 :$0-$'-6!*0-20 '-' 5'9 #02$'-.' %-5 5070! :'-.'$,0 1 #3 6 :*;!'2 +2, !' +8+$04+' -' 2'$'0+ ,08 4%8 ;0 #0.%#505 %+ % -020++%#8 0!040-$' -' $,0 2 -+$#*2$' -' 6 % + 2'%!' -+$'$*$' -' 1,'2,' +' %$ -20 504 2#%$'2 %-5 O66'2'0-$ H 00 %#$'2!0+ -' $,0 !0%5'-.' 2'$'0+ F

O60#0-20+T /

,0 !'$0#%$*#0 50%!'-.'1'$,'$,0 %54'-'+$#%$' -' 6 2'$8 +2, !' +8+$04+' 1,'!0 0E$0-+'70 %-5'4: #$%-$' +2%$$0#05 $,# *., *$ 66'2'%!' #0: #$+ %-5 '-' 2 -$049 : #%#8 :0#' 5'2%!' :*;!'2%$' -+ ,0#0 '+ 4*2,' -005 6 +'6$'-.'%-%!8G'-.' #.%-'G'-.' %-5'-$0#:#0$'-.' $,'+ ; 58 6 4%$0#'%!

,0 6 !! 1'-.'!'+$ 2 -$%'-+ $,U 4 #0 '4: #$%-$ %-5 %220++';!0 6 $,0 ; 3+ 6 % .0-0#%!' -%$*#0 3+ 50%!'-. 1'$,' +:02'%!' 50$%'!+ 6 %54'-'+$#%$' -' %#0 - $ '-2!*505 -0'$,0#'+ 4%$0#'%!' 6 40#0!8 50+2#':$'70 # :!04'2 2,%#%2$0#

' ' ' ' !'.(' ' (H 01 #3 >PKP F $ # % ' ' #'-2':!0 6 *-'2':%! 2, ! 59 4'-'+$#%$' -' (!6 ! PQ ':' >KQ' %#' ' (' 0 ' ' I' ' ' .0 H +$ -' >PKM F 0 ' .(' ' (' ' H +$ -' >PK F % ' ' ' !%-+ 6 #.%-'G%$' -'6 # 2, ! *#9 :+0+' -' !%#.0 2'$'0+ 0(%" %% (*-0' > [Q' #'%-5', # # />+ 0# (' ' . H XI1 # #3 ' F 5*2%$' -%!' #.%-'G%$' -' %-5' # .4+' -' 40#'2%-' '$'0+ 84:+'*4' (' (!' /'+ # (' %*' ' .(' (H>PKQ F ' 5' #;%-' 2, ! #.%-'G%$' -' " % . % /' %6 >PKJ' !' ':' >JQK

1'$,' 506'-'$0' 6'E'-.' 6' #0+: -+';'!'$8'%-5' : 10#' H #'% 4 #0' 50$%'!05' +$%$040-$'%+' $ ' $0-50-9 2'0+'%-5' .*'5'-.' :#'-2': !0+' +00' $,0' %#$'2!0+' -' ' , ' ' # * % # 5

'$,'-' #020-$ 80%#+' 5*0' !%#.0!8' $ ' $,0' 70#8' #%:'5' .# 1$,' 6' 2'$'0+' %-5' $,0' ,'.,!8' 20-$#%!9 'G05' +8+$04' 6'+2, !' %54'-'+$#%$' -' 1,'2,',%+' +00405' -020++%#8' $ ' +02*#0' #0+*!$+' %-01' 4 709 40-$6 #'% #0+$ #%$' -' 6'%6 #4' 6'! 2%!' #5'+9 $#'2$; %#5+',%+' 4%-'60+$05' '$+0!6' ,0' %#.*9 40-$6 #'+*2,'; %#5+''+',%$' $,0' :0 :!0' 4%8' $,*+' 7'+'$ %-5' '-+:02$' $,0' +2, !+' '-' %+04'9 66'2'%!' 2%:%2'$8< 4%8',%70'% 40%-+' 6' 400$'-.' %-5' 0E:#0++'-.' $,04+0!70+' -' U*0+$' -+' 6' 6'-%-20' 5'+2':!'-0' +%-'$%#8' %##%-.040-$+' %-5' 05*2%$' -%!' : !'28< %-5' $,%$' $,0' :0 :!0' 4%8' 2 -+0U*0-$!8' ;0'!05'$' $%30'%!%#.0#%-5'%500:0#' '-$0#0+$' '-' $,0' +2, !+' ,0' *-'$' :# : +05' '+' *+*%!!8'% .# *:' 6'2'$8'+2, !+'%-5'-$' $,0' :9 !'$'2%!' 1%#5' ,0'2'$8''+' $ ' ;0' 5'+$#'2$05' ;8' .# *:+' 6'+2, !+< %-5'$,0' ; %#5' 6' 05*2%$' -' #'$,0' 4%8 #'+'$.'%:: '-$' #'$,0' :0 :!0'%#0'$ ' 0!02$' % 20#$%'-' -*4;0#' 6'#0+'50-$' '-+:02$ #+' #' 2 44'++' -0#+' $' ,%+' *+*%!!8' ;00-' :# 9 : +05' $ ' %55' $,0' 5'+$#'2$' +2, !' +*:0#'-$0-59 0-$' $ ' $,0' ; %#5' %$' !0%+$' -A%-' %57'+ #8' %-5' 0E:!%-%$ #8' 2%:%2'$8' ,0':=:# : +05' +$ -' 2,%#$0#' 6' >)P)' :# 7'505' 6 #' +*2,' ; %#5+' *-50#' $,0' -%40' 6' '+'$ #+<' $,0' #0%$0#' 01' #3'2,%#$0#' 6' >)P)' :# 7'505' 6 #'$,0' %:' '-$9 40-$' 6'+*2,''-+:02$ #+<' %-5'$,0' ,'2%.' 5*9 2%$' -%!' 44'++' -' 6' >)PP' :# : +05' $,0' 2#0%$' -' 6' +*2,'#0+'50-$' 2 44'++' -0#+' 6 #' ,'2%.' -'06602$' $,0' :!%-''+'% #07'7%!' 6' $,0' 01' -.!%-5' +2, !' 7'+'$'-.' 2 44'$$00' '50%' ,0#0' '+' !'$$!0' -005' 6 #' +*2,'% +8+$04' 6'! 2%!' 05*2%$' -%!' ; 5'0+' '-' %-8' 0E20:$' !%#.0' 2'$'0+' %-5' $,0' #0+*!$+' ;$%'-05' *-50#' $,04' +' 6%#' 1 *!5' - $' '-5'2%$0' $,%$' $,08' ,%70' ;00-' 70#8' +*220++6*!' 010#' :# : +%!+'%#0' 4%50' 6 #' $,0'#' 0+$%;!'+, 40-$' $?5%8' $,%-' 1%+' $,0' 2%+0' $0-' 80%#+'%.

#4 #0' 50$%'!05''-6 #4%$' -'+00' $,0' +:02'%!' %#$'2!0+' -' $,0' 2'$8' +2, !' +8+$04+' 6' 6 # ' '% ' % %'%-5' *6 ! ' ,0' :!%-'6 #! 2%!' %57'+ #8' ; %#5+' 1%+' 5'+2*++05' '-' $,0' " ' 6' $,0' ,'2%.' 5*2%9 $' -%!' 44'++' -' H. 1F' : : ' >JP?>MJ

' ' ' ' / ' 00' ' , ' ' # * % #

' ' ' / ' 00' 6 % ' , ' *

' / ' ,0' $0#4' R' 2'7'2+' S' '+' - 1' .0-9 0#%!!8' 04:! 805' $ ' #060#' $ ' $,0' $0%2,'-.' 6' 2'7'!' . 70#-40-$' '-' *# 0!040-$%#8' %-5' +029 -5%#8'+2, !+'%-5''-'2 !!0.0+' ,0'$0#4' R' 2'7'!' . 70#-40-$' S' 1,'2,' 1%+' 6 #40#!8' 70#8' 2 49 4 -!8' *+05' 6 # 50+2#';'-.'$,'+'+$*58' ,%+';00-' %;%-5 -05';02%*+0'-'$+''-$0#:#0$%$' -'' $' 1%+' *+*%!!8' -%## 105' 5 1-'$'%+$*58' 6' $,0' 40#0' 6#%401 #3' 6'. 70#-40-$' ,0'1 #5' R 2'7'2+' S '+' +%'5' $ ' ,%70';00-' '-$# 5*205' ;8' 0-#8' %-9 5%!' %'$0' H+00' . ' ' (!*6' %-5',%+' $,0' %57%-$%.0' 70#' $,0' $0#4' R' 2'7'!' . 70#-9 40-$'S' '-'$,%$' $' '+' - 1'.0-0#%!!8' *-50#+$ 5' $ ' '-2!*50' H>F' 0$,'2+' #$,0' 5 2$#'-0' 6' 5*$'0+' '-' + 2'0$8< HNF' 2'7'!' : !'$8' #' . 70#-40-$%!' 40$, 5+' %-5' 4%2,'-0#8< HJF' ,'+$ #8' 6' 2'7'2' 5070! :40-$ %-5' 4 7040-$

'30' 4 +$*+*;&02$+' *$+'50' 6' $,0' $,#00' @+' '-' $,0' 0!040-$%#8' +2, !' 2*##'2*!*4' %-5' $,0' 2!%++'2+'%-5' 4%$,04%$'2+''-'$,0'+02 -5%#8'+2, !' 2 *#+0' 6'+$*58''$,0'+*;&02$' 4%$$0#' 6' 2'7'2+' 1%+' - $'$%*.,$''-'+2, !+'*-$'!'+ 40' 80%#+'%6$0#'$,0' 4'55!0' 6' $,0' -'-0$00-$,'20-$*#8' -' $,0' 80%#' >)QP' %-'0!' 0%5' 6' '+2 -+'-'#0%5' %':%:0#' ;06 #0' $,0' %$' -%!' 0%2,0#+@ ++ 2'%$' -' H%6$0#' >)LK' 3-1-'%+' $,0' %$' -%!' 5*2%$' -' ++ 2'%$' -F' -' ', ('/' ' + !' ' 8 ('/'+ 0 ' 0(% -' >)OJ' %' 2 44'$$00' 6' $,0' +%40' %++ 2'%$' -' 4%50' %' +:02'%!' #0: #$' -' $,0' $0%2,'-.' 6' $,0' :#'-2':!0+' 6' . 70#-40-$' '-' $,0' +2, !+' -' >)OP' $,0' 6 !! 1'-.' #0+ !*$' -+' 10#0' :%++05T R ,%$' $,0' %$' -%!' 0%2,0#+@ ++ 2'%$' -' 2 -+'50#+' '$' %' :%#$' 6' $,0' 5*$8' 6' %!' '-+$'$*$' -+' 6' !0%#-'-.' $ ' '-2*!2%$0' $,0' :#'-2':!0+' 6' %-' '-$0!!'.0-$'2'$'9 G0-+,':' %-5' $ ' $,'+ 0-5' $,08' 0%#-0+$!8' #02 49 40-5' $,0' 4 #0' 0E$0-+'70' '-$# 5*2$' -' '-$ ' *#:*;!'2'+2, !+' 6' $,0'+$*58' 6' -'$05' $%$0+' :'+$ #8' 0+:02'%!!8' 1'$,' #060#0-20' $ ' $,0' :#'-9 2':!0+' $,0' +$#*2$*#0' %-5' $,0' ,'+$ #8' 6' *# !'$'2%!' -+$'$*$' -+' ,%$' '-' 6' $,0' ++ 2'%$' -' $,0' :'-' -' 6' '-$' %!!' *#+2, !+'2 *!5';0'.#0%$!8'+$'4*!%$05' '6'2 !!0.0+', *!5'#0U*'#0'%6%'#3-1!05.0' 6''$ %+'%2 -5'$' -' 6' %54'++' -'%-5' $,08' +0+:02$?' 6*!!8'+*..0+$' $,0' +*;&02$' $'2 !!0.0' %*$, #'$'0+' 6 #' $,0'#2 -+'50#%$' -S

$1'$,+$%-5'-.' $,0+0' #0+ !*$' -+' $,0' +$*58' 4%50';*$'+$ 1':# .#0++'-' $,0' +2, !+' $, *.,' $,0' -005' 6''$ 1%+'*#.0-$!8' 60!$';02%*+0' 6' $,0' 070#'-2#0%+'-.' '4 4'.#%$' -' 6' 6 #0'.-0#+' $' 40#'2%-'+, #0+' +' 4 +$' 6' $,0' 2 !,@.0+.'70' !'$$!0' #-'' -+$#*2$' -''-': !'$'2%!' +2'0-20' $,08' $ 3' -' +$0:+' $ 1%#5' 4%3'-.''$' %-' 0-$#%-20' #0U*'#040-$' 6$0#' >)LK' $,0' +*;&02$';0.%-' $ ' 6'-5' '$+' 1%8' .#%5*%!!8' '-$' $,0' 0!040-$%#8' +2, !+' -' >)LO' %' #0: #$' 1,'2,' %2 44'$$00' 6' $,0' %$' -%!' 5*2%$' -' ++ 2'%$' -' 4%50' -' R' ' *#+0' 6' $*58'6# 4'$,0' #'4%#8' 2, !+' $ ' $,0' -'70#+'$8' S' 4%50' -' #02 440-5%$' -' 6 #' $,0'+$*58' 6'2'7'2+''-'$,0'0!0'44$%#8'+2, !' %-5' 40#0!8' #02 440-505'%' +$*58' 6' $,0' -9 +$'$*$' -''-' $,0',','+2, !+' -' >)LP' (*+$'20' $# .''-'%-'%55#0++' ;06 #0' $,0' 0:%#$40-$' 6' *:0#'-$0-50-20' 6' $,0' %$' -%!' 5*2%$' -' ++ 2'%$' -' *#.05' $,%$' %6$0#' $,0' $,#00' :+' 1,'2,':#0:%#05' :*:'!+'$' 4%30'$,0'# !'70!',5' $,0'+$*58' 6' $,0' . 70#-40-$' *-50#' 1,'2,' $,08' 10#0' !'7'-.' 1%+' 6' -0E$' '4: #$%-20' -' + 40' +2, !+' $,0' 6 #4%!' +$*58' 6' $,0' H:-+$'$*$' -' 6' $,0' -'$05' $%$0+' 1%+' 4%50' ;06 #0' >))K' ;*$''-'.0-0#%!' $,'+'+$*58'1%+'!%#.0!8'% 404 #'G9 '-.' 6' $,0'2 -+$'$*$' -%!' 2!%*+0+'%-5' $,0' $0E$+' *+05' 10#0' +2%#20!8' 4 #0' $,%-'%-%!8+0+' '$$!0

1%+ 5 -0 $ $0%2, : * : '!+ . 70#- 4 0 -$ '- '$+ %2$*%!' 1 #3'- . # $ $0%2, $, 0 5*$'0+ 6 2'$'G0 - 9 +, ':

0$100- >))K %- 5 >)PK $, 0 +$*58 6 : !'$'2%!' +2'0 - 20 4 %50 2 -+'50#%; !0 :# .#0++ '- $, 0 2 !9 !0.0+ %- 5 $, '+ 4 7040 -$, %5 4 *2, ' '-6!*0 - 20 - $, 0 +$*58 6 2'7'2+ '- $, 0 +2, !+ - 4 %- 8 6 $, 0 , '. , +2, !+ : %#$'2*!%#!8 '- $, 0 0+$ % ;#'06 $0E$; 3 1%+ '-$# 5*205 '- $, 0 6'#+$ 80%# 6 $, 0 , '. , +2, ! , *. , +*2, $0E$+ 10#0 ;#'06 $, 08 10#0 +*:0#' # $ $, 0 ;#'06 %-%!8+0+ 1, '2, , %5 ;00- '- *+0 %:0#+ %-5 %55#0++0+ - $, 0 *#.0-28 6 $0%2, '- 2'7'2+ ;02%4 0 4 #0 -*4 0 -# *+ - >)PK $, 0 4 4 '$$00 6 0- 1%+ %: : '-$05 ;8 $, 0 %$' -%! 5*2%$' - ++ 9 2'%$' - $ #0: #$ -+02 -5%#8 05*2%$' - - >)PN #0+'50-$!' $ 6 %#7%#5 1%+ 4 %50 2, %'#4%- %-5 -'-0 +*;2 4 4 '$$00+ 10#0 %:9 : '-$05 $ 50%!' 1 '$, 7%#' *+ +02 -5%#8 +2, ! +*;&02$+ , 0 0', , $, 6 $, 0+0 3- 1- %+ $, 0 4 4 '$$00 -' '+$ #8 '7'! 70#- 4 0 -$ %-5 !'$'2%!' 2 - 48 , %5 6 #'$+2, %'#4%- , %#!0+ 0-5%!! 5%4+ #0+'50-$ 6 $, 0 -'70#+'$8 6 '+2 -+'- , 0 2 4 4 '$$00 2%##'05 -'+ 40 '-70+$'.%$' -+ %-5 5'+2 70#05 $, %$ -!8 %; *$ -0 +'E$, 6 $, 0 0!040 -$%#8 +2, !+ %-5 -0 $, '#5 6 $, 0 , '., +2, !+ 10#0 .'7'-. %-8 '-9 +$#*2$' -''-2'7'!. 70#- 4 0 -$ -+ 40 6$, +0 , '., +2, !+ 1, 0#0 $, 0 +*;&02$ 1%+ +$*5'05 '$ %: : 0%#05 0%#!8 '- $, 0 2 *#+0 %-5 '- $, 0#+ '$ 2%40 !%$0 , 0 2 4 4 '$$00 40$ %$ %5'+ - '+ '- 020 4 ;0#+ >)PN %-5 ;02%40 3- 1- %+ $, 0 %5'+ - -60#0-20 $ #02 4 4 0-505 $, 0 +$*58 6 2'7'!. 70#- 4 0 -$ '- $, 0 0'., $, .#%50 6 $, 0 .#%4 4 %# +2, ! %-5 '- $, 0 !%+$ 80%# 6 '!'0 , '., +2, ! , 0 40$, 5 6 '-9 +$#*2$' - '- $, 0 .#%4 4 %# +2, ! 1%+ $; 0 ;8 #%!' !0++ -+ 1 '$, $, 0 *+0 6 2 !!%$0#%!' $0E$; 3+ %-5 '- 2 --02$' - 1 '$, - '$05 $%$0+ , '+$ #8 %-5 ! 2%!' .0 .#%:, 8 - $, 0 , '., +2, ! $, 0 2 4 4 '$$00 #02 4 4 0-505 $, %$' $, 0 $0E$; 3 +, *!5 ;0 $, 0 ;%+'+ 6 '-+$#*2$' - %-5 $, %$' $ +, *!5 ;0 %22 4 :%-'05 ;8 $, 0 +$*58 6 2 !!%$9 0#%!' #0%5'- . #0: #$+ - %++'. -05 $:'2+ ;+0#9 7%$' -+ 6 $, 0 1 #3'- . + 6 $, 0 ! 2%!' 4 %2, '-0#8 6 . 70#- 4 0 -$ %-5 2 4 :%#'+ -+;0$100- 4 0#'9 2%- %-5 6 #0'. -+8+$0 4+ 6 . 70#- 4 0 -$, 0 %4 *-$ 6 $'4 0 $, 0 +:0-$ 1%+ $;0 -0 ,%!6 6 $, %$ %!! $$05 $, '+$ #8 '- $, 0 80%#+ 4 0 -9 $' -05 %-5 $, 0 +*;&02$ 1%+ $;0 +$*5'05 '- 2! +0 2 --02$' - 1 '$, , '+$ #8 %-5 %+ %-5 %5&*-2$ $, %$ +*;&02$, '- . 1%+ +%'5 %; *$ '$+ ;0'. 4 %50 % 2 !!0.0 0-$#%-20 #0U*'#0 4 0-$ %+ 1%+ +*. .0+$05 ;8 $, 0 #0: #$ 6 >)OM

- >)PQ %: : 0%#05 $, 0 " / # / 5 / 6 $, 0 %$' -%! 5*2%$' - ++ 2'%$' - -$, 0 +*;&02$ 6 !0 4 0 -$%#8 5*9 2%$' - , '+ 2 4 4 '$$00 #02 4 4 0-505 '- 2 --02$' - 1 '$, $, 0 +*;&02$ 6 -'05 $%$0+ , '+$ #8 $, %$ $, 0#0 +, *!5 ;0 .'70- % +$*58 6 $, 0 *$!'-0+ 6 $, 0 -+$'$*$' - 6 # >K $ >Q 1003+ '- $, 0 !%+$ 80%# 6 $, 0 0!040 -$%#8 +2, ! - >)PL $, 0 4 4 '$$00 -' *#%!' 2, !+ 6 $, 0 +%40 ++ 2'%$' - 4 %50 % #0: #$ #02 4 4 0-5'- . % 2 *#+0 '- -'05 $%$0+ , '+$ #8 %-5 2'7'!. 79 0#- 4 0 -$ 6 # - #4%!' +2, !' $0%2, 0#+ 1, 10#0 $ $0%2, ''- $, 0 #*#%!' +2, !+ %-5 4 %50 + 40 +*.9 .0+$' -+ %; *$ $0%2, '- . 6 4 #%!+ %-5 2'7'2+ '- +*2, +2, !+ - >)PP $, 0 4 4 '$$00 6 070- 6 $, 0 40#'2%- '+$ #'2%!' ++ 2'%$' - / % 2 4 4 '$$00 %: : '-$05 %$ $, 0 '-+$%-20 6 % 49 4 '$$00 - !!0.0 -$#%-20 0U*'#040 -$+ 6 $, 0 %$' -%! 5*2%$' - ++ 2'%$' - / 4 %50 %- 0!%; #%$0 #0: #$ - , '+$ #8 '- $, 0 +2, !+ , 08 #02 4 40 -505 $, %$ $, 0 6 *#$, 80%# 6 $, 0 , '., +2, ! 2 *#+0 ; 0 507 $05 $ 40#'2%- , '+9 $ #8 %-5 2'7'2+ %-5 $, %$ $, 0 $1 +*;&02$+ ; 0 $%*., $ '-+0 :%#%$0 2 *#+0+ 1, 0#0 '$ 1%+ : ++'; !0 $ .0$ $, 0 $'40 , 0#0 $, '+ 1%+ - $: ++'; !0 $, 0 2 4 4 '$$00 %57'+05 $0%2, '- $, 04 $ .0$, 0# , 0 , '., +2, !+ .0-0#%!!8 :*#+*05 $, 0 !%$$0# 40$, 5 '- #50 #$ $ +%70 $'40 1 '$, $, 0 #0+*!$ $, %$ $, 0 2'7'2+ 1 #3 1%+ 4 %'-!8 '- $, 0 -%$*#0 6 2 -+$'$*$' -%! , '+$ #8 0#8 !'$$!0 %$$0-$' - 1%+ .'70- $ $, 0 $, 0# 0!040 -$+ 6 2'7'2+ $, 0 5*$'0+ 6 2'$'G0 -+, ': %-5 . 70#- 4 0 -$ '- '$+ %2$*%!' 1 #3'- . + 02%*+0 6 $, 0 6%!*#0 6 $, 0 2 !!0.0+$ #0U*'#0 % 3- 1!05.0 6 2'7'2+ 6 # 0-9 $#%-20 70#8 4 %-8 +2, !+ -0.!02$05 $, 0 +*;9 &02$ %!4 +$ 1, !!8 - >PKM $, 0 01 - .!%-5 '+$ #8 0%2, 0#+ ++ 2'%$' - : *; !'+, 05 % +8!!%; *+ * : - $, 0 !'-0+!%'5 5 1 -; 8 $, 0 49 4 '$$00 6 070- %-5 4 %50 $, 0 +%40 #02 4 40-9 5%$' -+ '- #0.%#5 $ 2'7'2+ , '+ $0-50-28 $ $#0%$ 2'7'2+ %+ $, 0 R: # #0!%$' -'5 6 -'$05 $%$0+ , '+$ #8 %-5 $ 4 %30 '$+ $#0%$9 40-$ -!8 -0 6 2 -+$'$*$' -%! 5070! : 40-$ 40$ 1'$, +$# - . : : +'$' - '- $, 0 ++ 2'%$' - 6 '+$ #8 0%2, 0#+ 6 $, 0 '55!0 +$%$0+ %-5 %#8!%-5 '- $, 0 #$, 0 -$#%!' '+$ #8 0%2, 0#+ ++ 2'%$' - '- $, 0 01 - .!%-5 '+9 $ #8 0%2, 0#+ ++ 2'%$' - %-5 '- $, 0 %++ 2'%9 $' -+ 6 $0%2, 0#+ 6 7%#' *+ +$%$0+ '. # *+ :# $0+$+ 10#0 4 %50 %. %'-+$ 2 -+'50#'-. $, 0 , '+9 $ #8 6 %- '-+$'$*$' - $, 0 +%40 %+ $, 0 +$*58 6 %- '-+$'$*$' - '- '+ %2$*%!' 1 #3'-. $?5%8

, 0 #0+*!$+ 6 $, 0 %. '$%$' - 6 $, 0 : : -0-$+ 6 %2 4 ; '-%$' - 2 *#+0 #0+*!$05 '- $, 0 %: : '-$9 40-$ 6 % 4 4 '$$00 - '7'2+ 6 $, 0 01 - .!%-5 '+$ #8 0%2, 0#+ ++ 2'%$' - %-5 6 %- $, 0# ; 8 $, 0 40#'2%- !'$'2%!' 2'0-20 +9 + 2'%$' - , 0 :#0!'4 '-%#8 +, 00$+ 6 % +8!!%9 ; *+ 10#0 : *; !'+, 05 ; 8 $, 0 6'#+$ %++ 2'%$' - '- >PK) %-5 $, 0 +02 -5 %++ 2'%$' - : *; !'+, 05 % #0: #$ '- $, 0 +%40 80%# 2%!!'-. 6 # % +0:%#%$0 2 *#+0 '- 2'7'2+ '- $, 0 !%+$ 80%# 6 $, 0 , '., +2, ! %-5 #02 4 40-5'- . 6 $, 0 +*;&02$ % 2 !!0.0 0-$#%-20 #0U*'#040 -$, # *., *$, 0 #0: #$ $, 0 '+ % +$# -. '-+'+$0-20 - $, %$ 7'01 6 2'7'2+ 1, '2, 4 %30+ '$ % +$*58 6 . 70#- 4 0 -$ '- '$+ %2$*%!' 1 #3'-. / '-%$' -%! +$%$0 %-5 4 *-'2':%! , 0 %$' -%! *-'2':%! 0%. *0 , %+ ; 00- %2$'70!8 0-.%.05 '- : # 4 $'-. $, 0 +$*58 6 4 *-'2':%! 2'7'2+ '- $, 0 +2, !+ '-5 '- '$+ :# 2005'-. 6 >PKQ '$:#0+0-$05 % +8!!%; *+ 6 # +*2, '-+$#*2$' - '- ; $, 0!040 -$%#8 %-5 +02 -5%#8 +2, !+ 6%# $, 0 #02 4 4 0-5%9 $' -+ , %70 , %5 !'$$!0 06602$, 0+2, !+ 6 !0709 !%-5 , , %70 , %5 %- %54 '#%; !0 +8!!%; *+ 5#%1 - *: 6 # *+0 '- $, '+ +*; &02$ %-5 $, 0 '.,

2, !' 6' 4 4 0#20' '-' 01' #3' '$8' ,%+' 0+$%;!'+,05'%2 *#+0' '-' *-'2':%!' 2$'7'$'0+
$1'$,+$%-5'-.' $,0' .#0%$' %2$'7'$8' 6' 2'7'2' ; 5'0+' %-5' $0%2,0#+' %++ 2'%$' -+' '-' %!' :%#$+' 6'$,0'2 *-$#8' 2'7'2+' %+' %+*;&02$' '-' $,0'+2, !+' '+' +$'!!' '-' % 70#8' *-+%$'+6%2$ #8' 2 -5'$' -' -' +:'$0' 6' $,0' 04:,%$'2' +$%$0 4 0-$+' 6' 7%#' *+' 2 4 4'$$00+' '$' '+'+$'!!' $%*.,$' '-' $,0'6 #4' 6'2 -9 +$'$*$' -%!' ,'+$ #8' %-5' $,0' :*:'!' .0$+' !'$$!0' - 9 $' -' 6' $,0' 1%8' '-' 1,'2,' $,0' . 70#-40-$' '+' %29 $*%!!8' ;0'-.' 2%##'05' -' %$' $,0' :#0+0-$' $' 4 0' -' $,0' 0!0 4 0-$%#8' +2, !+' 6' +$ -' %-5' 7'2'-'$8' -' %$$0-$' -' '+' :%'5' $' '$' *-$'!' $,0' !%+$' 80%#' $, *.,'7%.*0'+$%$0 4 0-$+' %#0' 4 %50' %$' $' 4 0+' $,%$' R' 2'7'!' . 70#-40-$'+,%!!' ;0' $%*.,$' $,# *., *$' $,0' 2 *#+0' '-' ,'+$ #8 S' -' $,0' !%+$' 80%#' :# 9 7'+' -' '+' *+*%!!8' 4 %50' 6 #' $,0' +$*58' 6' $,0' -9 +$'$*$' -' -' 01' #3' '$8' '-' $,0' 0!0 4 0-$%#8' +2, !+' $,0' +8!!%;*+' 2%!!+' 6 #' !0++ -+' '-' 2'7'2+' ;0.'--'-.' 1'$,' $,0' 6 *#$,' .#%50' %-5' $,0+0' #*-' $,# *.,' $,0' 6'6$,' +'E$,' +070-$,' %-5' 0'.,$,' .#%50+' -' $,0' %;+0-20' 6' % 50$%'!05' +8!!%;*+' $,0' 1 #3' '+' - $ %!1%8+' %+' 10!!' 2%##'05' *$' '-' + 40' +2, !+' %+' '$' '+' '-' $,0#+' ,0' 2'$8' 6' !070!%-5' ,%+' :#0:%#05' $,0' ;0+0$ +8!!%;*+' 6 #' 2'7'2+' '-' $,0' 0!0 4 0-$%#8' +2, !+' $' ;0.'-+' '-' % 70#8' +'4:!0' 1%8' '-' $,0' $,'#5' .#%50' %-5' '+' 2%#9 #'05' $,# *.,' $,0' ;%!%-20' 6' $,0' 0'.,$' .#%50+' -' $,0' %$'-' +2, !+' 6' +$ -' %-5' 7'2'-'$8' $,0' +*;&02$' '+' 7'#$*%!!8' - -0E'+$0-$' -' $,0' ,'.,' +2, !+' '$' '+' -%!' '-' $,0' $,'#5' 80%#' %-5' + 4 0 9 $'4 0+' #0U*'#05' %+' '-' %4;#'5.0' ,0-' :9 $' -%!' '$' '+' 0!5 4' $%30-' -' 01' #3' '$8' %-5' 7'2'-'$8' $,0' 2 *#+0' '-' 2'7'2+' '+' %:%#$' 6' $,0' 2 *#+0' '-' 40#'2%-' ,'+$ #8' %-5' '+' #0U*'#05' 6 #.#%5*%$' -
0$100-' $,0' $1' 0E$#0 4 0+' #0:#0+0-$05' ;8' $,0+0' ! 2%!'$'0+' $,0#0' %#0' 7%#8'-.' 2 -5'$' -+' ;*$' '-' $,0' !%#.0' 4 %& #'$8' 6' $,0' +2, !+' 1,0#0' $,0' +*;&02$' '+' $%*.,$' %$' %!' '$' '+' .'70-' %+' %-' %59 &*-2$' 6' ,'+$ #8' +' 6%# %+' +$%$'+$'2+' 2%-' ;0' .%$,0#05' '$' 4 %8' ;0' +$%$05' $,%$' %:: # E'4 %$0!8' -0' 6 *#$,' 6' *# +02 -5%#8' +2, !+' .'70' -' $#%'-'-.' '-' 2'7'2+' %$' %!!' %; *$' -0' ,%!6' 2 4 ;'-0' '$' 1'$,' 4 0#'2%-' ,'+$ #8' %-5' %; *$' -0' 6 *#$,' .'70' % +0:%#%$0' 2 *#+0' '-' '$
$' $,0' :#0+0-$' $'4 0' % 4 4'$$00' 6' '70' 6' $,0' 4 0#'2%-' '+$ #'2%!' ++ 2'%$' -' '+' 1 #3'-.' -' % #07'+' -' 6'+ 4 0' 6' $,0' #02 4 4 0-5%$' -+' 6' $,0' 4 4'$$00' 6' 070-' %-5' ,%+' 4 %50' % :#0!'4'-%#8' #0: #$' '-' 1,'2,' % +0:%#%$0' 2 *#+0' %-5' % +0:%#%$0' 0E%4'-%$' -' '-' 2'7'2+' '-' $,0' 6 *#$,' 80%#' 6' $,0' ,'.,' +2, !' 2 *#+0' '+' #02 4 9 4 0-505' %+' #0U*'#05' -' 01' #3' $%$0' 7%#' '+' 2 4 4'$$00+' %-5' 2'7'2' ; 5'0+' %#0' %$ 1 #3' -' $,0' +*;&02$' %-5' $,0' +% 4 0' '+' $#*0' '-' 4%-8' $,0#' +%$0+' # 4' +*2,' %2$'7'$8' '$' '+' :# ;%;!0' $,%$' 4 *2,' 4 #0' +*;+$%-$'%!' 2 *#+0+' '-' 2'7'2+' 1'!!' ;0' 660#05' '-' 0!0 4 0-$%#8' +2, !+' %-5',.',' +2, !+' 1'$,'-' $,0' -0E$' 502%50' $,%-' ,%70' 070#' ;00-' 660#05' ;06 #0
0$, 5+' 6' 0%2,'-.' '7'2+' /' ,0' 0%#!'9 0+$ %57 2%$0+' 6' $,0' $0%2,'-.' 6' 2'7'2+' '-' $,0' +2, !+' ,%5' '-' 4'-5' % 40$, 5' 6' '-+$#*2$' -' 1,'2,' +, *!5'.'70' $' :*:'!+' % 3- 1!05.0' 6 $,0' 6#%401 #3' 6' . 70#-40-$' %+' '$' 1%+' *$9 !'-05' '-' $,0' -+$'$*$' -' 6' $,0' -'$05' $%$0+' ,'+' 1%+' $,0' '50%' 6' %-'0!' 0%5' %-5' 6' $,0' %$' -%!' 0%2,0#+' ++ 2'%$' -' # 4'$,0'#0+ 9 !*$' -+' :%++05' ;8' $,%$' ; 58' '-' > OP' '$' '+' 07'9 50-$' $,%$' '$' $, *.,$' $,%$' '-+$#*2$' -' '-' 2'7'2+' 2 -+'+$05' '-' $0%2,'-.' R' $,0' :#'-2':!0+' $,0'+$#*29 $*#0' %-5' $,0' ,'+$ #8' 6' *# !'$'2%!' -+$'$*9 $' -+ S' #0 70#' $,0' +$*58' 1%+' $' ;0' $%30-' *:' '-' 2 --02$' -' 1'$,' ''$05' $%$0+' ,'+$ #8' %-5' 6 # $,'+' :*#: +0' $,0' -+$'$*$' -' 6' $,0' -'$05' $%$0+' 1%+' %::0-505' $' $,0'.#%4 4 %#'%-5' ,'.,'+2, !' ,'+$ #'0+' :*;!'+,05' '-' $,0' +X 70-$'0+' %-5' 0%#!8' 0'.,$'0+' -' $,0' ; 5'0+' 6' $,0' $0E$+' %!4 +$' -$,'-.' 1%+' .'70-' 2 -20#-'-.' 2 -+$'$*9 $' -%!' .':0#-40-$' # 6' $,0' 1 #3'-.' 6' $,0' ! 2%!' +$%$0' # -%$' -%!' '-+$'$*$' -+' ; *$' $1' $,'#5+' 6' 0%2,' $0E$' 1%+' $%30-' *:' 1'$,' $,0' 2 ! -'%!' :0#' 5+' %-5' $,# *., *$' $,0' 04:,%+'+' 1%+' !%'5' -' :'2$*#0+U*0' -%##%$' -
2'7'2' '-+$#*2$' -' $,0' 40$, 5' 2 -+'+$05' '-' .'7'-.' $,0' :*:'!+' $,0' -+$'$*$' -' $' #0%5' # $' 2 4 4'$' $' 404 #8' '!!*4'-%$'-.' 4%9 $0#'%!' -' $,0'%2$*%!' 1 #3'-.' 6' *#'-+$'$*$' -+' -%$' -%!' +$%$0' %-5' ! 2%!' +*2,' %+' 2 *!5' ,%70' ;00-'6 *-5''-' 0' 2U*07'!!0' 1%+' :#0+0-$05' / '%6%2$' -' 5 *;$' 5*0' $' $,0' %;+ !*$0' '-%;'!'$8' 6' $,0' $0%2,0#+' ,'+' 40#0' R2#%4 4'-.' S' -' $,0' -+$'$*$' -' 1%+' 60!$' $' ;0' *-+%$'+6%2$ #8' %-5' $,' *.,' $,0' +$*58' 6' . 70#-40-$' 1%+' +$'!!' !%#.0!8' 2 -5*2$05' ;8' +*2,' % 40$, 5' %-5' 60!$' $' ;0' '-5'++ !*;!8' 2 --02$05' 1'$,' $,0' +$*58' 6' -'$05' $%$0+',' +$ #8' +4%!' $0E$+' 10#0' :*;!'+,05' '-' $,0' +070-$'0+' 2 -$%'-'-.' $,0' 2!%*+0' 6' $,0' -+$'$*$' -' 1'$,' 2 4 4 0-$+' -' $,04' *2,' $0E$+' 10#0' - $'.0-0#%!!8' :*$'-'$,0',%`5+' 6' $,0' :*:'!+' ;*$' 10#0' 6' %'5' $' $,0' $0%2,0#' ,'+' 40$, 5' 6'+$*58' 6' $,0' 5#8' ; -0+' 6' *#'-+$'$*9 $' -+' 2 -$'-*05' *-$'!' $,0' 4'55!0' 0'.,$'0+' 1,0-' (0++0' %28' 6' $,0' "-'70#+'$8' 6' 1%' :*;9 !'+,05',' +4%!' $0E$' 0-$'$!05' 0' 3 %' ,'+' 1%+' %-' %$$0 4 :$' ;8' % 2 4 :0$0-$' 1#'$0#' $' 2,%-.0' $,0' :#07%'!'-.' 40$, 5' 6' '-+$#*2$' -' '-' . 70#-40-$' %-5' $' :*$' '-$0#0+$' %-5' !'60' '-$' $,0' 40#0' 6#%401 #3' ;8' +, 1'-.' $,0' %2$*%!' 1 #3'-.+' $$0-$' -' 1%+' -' $' 2 -6'-05' $' $,0' -%$' -%!' . 70#-40-$' %+' ,%5' ;00-' $,0' %!4 +$' .0-0#%!' 2*+$ 4' '-' $,0' :%+$' ;*$' 2 -+'50#%;!0' $'40' 1%+' .'70-' $' $,0' 2 -+'50#%$' -' 6' ! 2%!' %-5' +$%$0' . 70#-40-$+' -' !;)) ' 1'$,' $,0' %:0%#9 %-20' 6' #820+' (' 6' $,0' #07 !*$' -'G'-.' 6' $,0' 40$, 5+' 6' '-+$#*2$' -' 1%+' 4%50' :++';!0' '$,' $,'+' 4 -*40-$%!' 1 #3' -' *# . 70#-40-$' -' '$+' %2$*%!' 1 #3'-.+' ;06 #0' $,04' $,0' 1#'$0#+' 6' +2, !' $0E$+' ;0.*-' .#%5*%!!8' $' 2,%-.0' $,0'# 40$, 5+' 6' $#0%$40-$' ! 1!8' %-5' %!4 +$ '4:0#20:$';!8' $,0' $0E$+' -' 2'7'2+' ;0.%-' $' $#0%$' 6' %2$*%!' . 70#-40-$' ,0' 2 4 4'$$'-.' $' 404 #8' 6' $,0' -+$'$*9 $' -' %-5' $,0' 5#8' 2 4 40-$%#8' -' '$+' 2!%*+0+' ;09 .%-' $' .'70' 1%8' $' % +*58' 6' . 70#-40-$' %+' %2$*%!!8' 2%##'05' -
*2,' % 2,%-.0' '-' 40$, 5' , 1070#' 1%+' -' $;8' %-8' 40%-+' .0-0#%!' -' 4 +$ 6' $,0' +2, !+' ,'.,' %+' 10!!' %+' .#%4 4 %#' $,0' %70#%.0' '-+$#*2?

$' -' .'70-' 1%+' *+*%!!8' - $,'-.' 4 #0' $,%-' % 40#0' R 2#% 4 4'-.S' -'$,0' -+$'$*$' -' 0E$+' +$'!!' 2 -$'-*05' $ ' ;0' 1#'$$0-' 1 ,'2,' 10#0' - $,'-.' 0E20:$ 5#8' 2 4 4 0-$%#'0+' -' $,0' 2!%*+0+' 6' $,0' -+$'$*$' -' %-5' $,0' $0E$+' 50$0# 4'-05' $,0' 40$, 5+' 6' '-+$#*2$' -' $' 1%+' ,!8' '-' % 601' 6' $,0' 4 +$' :# .#0++'70' +2, !+' $,%$' . 5' '-9 +$#*2$' -' '-' 2'7'2+' 1%+' .'70-

0%-1,'!0' % 70#8' 502'505' 2,%-.0' ,%5' $%30-' :!%20' '-' $,0' 2,%#%2$0#' 6' $,0' $0E$; 3+' -' -'$05' $%$0+' ,'+$ #8' #0' %-5' 4 #0' +:%20' 1%+' .'70-' $' $,0' 2 -+$'$*$' -%!' %-5' '-+$'$*9 $' -%!' %+:02$+' %-5' $,0' '50% 1%+' $,*+' :0#:0$*9 %$05' $,%$' %!!' -020++%#8' '-+$#*2$' -' '-' 2'7'2+' 2 *!5' ;0' .'70-'$,# *.,'$,0' 405'*4' 6',' +$ #8 / % +0:%#%$0' $0E$' #2 *#+0' 6 #' 2'7'2+' - $' ;0'-.' 2 -9 +'50#05' -020++%#8' ,'+' 40$, 5' 6' '-+$#*2$' -' '-' $,0' .#% 4 4%#' +2, !+' %-5' ,'.,' +2, !+' 1%+!' 6%7 #05' ;02%*+0' '$ R +%705' $' 4 0S' %-5' ;02%*+0' 6' $,0' 2 -5'$' -+' +*## *-5'-.' 2 !!0.0' 0-$#%-20' 0E% 4'-%$' -+' 6 # 1,'2,'$,0',.,' +2, !+' !%#.0!8' :#0:%#05' +$' 6'$,0' 2 !!0.0+'.%70' 0'$,0# 70#8' '-5'660#0-$' '-+$#*2$' -' '-' . 70#-40-$' $,049 +0!70+' # - -0' %$' %!!' %-5' ,%5' $%30-' -' +$0:+' $ 1%#5' 504%-5'-.' % 3- 1!05.0' 6' 2'7'2+' 6 # 0-$#%-20' ,'+':#07%'!'-.'40$, 5' 6'-+$#*2$' -' .%70' $ ' $,0' :*:'!+' +2%#20!8' %-8$,'-.' 4 #0' $,%-' % 3- 1!05.0' 6' 2 -+$'$*$' -%!' ,'+$ #8' ,'+' 1%+' $ ' % 20#$%'-' 0E$0-$ 0-2 *#%.05' ;8' $,0' " ' /' ' /'. ' 6' $,0' 40#'9 2%-' '+$ #'2%!' ++ 2'%$' -' >)PP' 6 # $, *.,' #02 4 4 0-5'-.' % +0:%#%$0' $0E$' %-5' 2 *#+0' '-' 2'7'2+' '$!06$' '$' :0-'6 #$,0' +2, !+' $ ';0!'070' $,%$' $,0' +$*58' 2 *!5' 10!!' ;0' 2%##'05' -' 1'$, *$'+*2, ;&02$' -+' $ ' $,'+' 40$, 5' 6' '-+$#*2$' -' 10#0' 6#0U*0-$!8' ,0%#5' 6# 4' $0%2,0#+' %-5' +*:0#9 '-$0-50-$+' ;*$' '$ 1%+' - $' *-$'!' $,0' 4 4 '$$00' -' '7'2+' 6' $,0' 01' -.!%-5' '+$ #8' 0%2,0#+' ++ 2'%$' -' >PKP' %-5' $,0' 4 4 '$$00' 6' '70' 6' $,0' 40#'2%-' !'$'2%!' 2'0-20' ++ 2'%$' -' >PKP' 4%50' $,0'# #0: #$+' $,%$' $,0' '++*0' 1%+' +U*%#0!8' 4%50' $,%$' '-+$#*2$' -' '-' 2'7'2+' '-' +2, !+' +, *!5' ;0' -' $,0' %2$*%!' 1 #3'-.' 6' *# . 70#-40-$' %-5' $,%$' $,0' 40$, 5+' $' ;0' 049 :! 805' +, *!5' ;0' +*2,' %+' $ ' .'70' + 40$,'-.' 4 #0' $,%-' 2 -+$'$*$' -%!' ,'+$ #8' %-5' +, *!5' ;0' $,# *.,'$,0' 405'*4' 6' % +0:%#%$0' 2 *#+0' " ' /' ' /' 5 ' 6' $,0' 40#'9 2%-' '+$ #'2%!' ++ 2'%$' -' -'$,0'#07'+' -' 6' $,0' " ' /' ' /'. 6' >P>K' +004+' $ ' %.#00' 1'$,' $,0' #0: #$+' 6' $,0' $1 ' %; 70' 2 4 4 '$$00+

40' +2, !+' %!#0%58' ,%70' '-' :0#%$' -' 5'+9 $'-2$' 2 *#+0+' '-' 2'7'2+' $, *.,' '-' $,0' !%#.0# -*49 ;0# 6' +2, !+' $,# *., *$' $,0' 2 *-$#8' $,0' !50# 40$, 5+' 6' '-+$#*2$' -' +$'!!' :#07%'!' -' $, +0' +2, !+' 1,0#0' $,0' +0:%#%$0' 2 *#+0' '+'.'70-' $,0#0' %#0' $1 ' 1%8+' '-' 1,'2,' '$' '+' 2 -5*2$05' H>F' '-' + 40' $,0' 2 *#+0' 2 40+'%6$0#' $,0' 2 *#+0' '-' -'$05' $%$0+',' +$ #8' %-5' HNF' '-' $,0#+' '$' '+' 2 -5*2$05' :%#%!!0!' 1'$,' '$' , +0' 1, ' 6%7 #' $,0' 6'#+$ 40$, 5' 4%'-$%'-' $,%$' '$' '+' -020++%#8' 6 #' $,0' :*:'!' $ ' 3- 1' $,0' ,'+$ #8' ;06 #0' ,0' '+' %;!0' $ ' *-50#+$%-5' $,0' . 70#-40-$' '-' '$+' %2$*%!' 1 #39 '-.' %$' $,0' :#0+0-$' $'40' %-5' $, +0' 1, ' 6%7 #

$,0' +02 -5' +%8' $,%$' ;8' $,0' :%#%!!0!' 40$, 5?' 4*2,' $'40' '+' +%705' ;8' %7 '5'-.' *--020++%#8' #0:0$'$' -' %-5' $,%$' %' ;0$$0#' :: #$*-'$8' '+' 69 60#05'6 #' $%3'-.'*:'2*##0-$' $:'2+';02%*+0' 6' $,0' ! -.0#:0#' 5'5*#'-.'1,'2,',0'2 *#+0' '+' +$*5'05 -' $,0' ;0+$',.,' +2, !+' 6' $?5%8' %' 2 *#+0' '-' 2'7'2+' '+'.'70-' 1,'2,',%+' 507 $05' $ ' '$' Q' ,U*#+' %' 1003' 6 #' NK' 1003+' #' J', *#+' % 1003' 6 #' MK' 1003+' '+*;+$%-$'%!' $0E$' '+' :!%205' '-' $,0',%-5+' 6' $,0' +$*50-$+' %-5' %!+' '%6%'# -*4;0#' 6' +:02'%!' 1 #3+' -' $,0' 6050#%!' +$%$0' %-5' ! 2%!' . 70#-9 40-$' $' -!8' '+' $,0' . 70#-40-$' 6' $,0' -'$05' $%$0+' +$*5'05';*$' '$+' '-+$'$*$' -+' %#0' 2 4:%#05' 1'$,'$, +0' *# :0%-' . 70#-40-$+' / ' $,0' 4 +$' 0660 2$'70' #0+*!$+' ;0'-.' 50#'705' 6# 4' 2 4:%#'+ -' %2,' +$*50-$' '+' 2%!!05' *: -' $ ' :#0+0-$' #0: #$+' ; $,' #%!' %-5' 1#'$$0-' -' $:'2+' 2 --02$05' 1'$,' $,'+' 2 4:%#%$'70' +$*58 -' 2 --02$' -' 1'$,' $,0' 2 *#+0' %' 2! +0' +$*58' 6' $,0' -01+:%:0#+' %-5' 4%.%G'-0+' '+' 4%50' 6 # 2*##0-$' : !'$'2%!' ,%: :0-'-.+' %-5' $,0' +$*50-$+' %#0' 2%!!05' *: -' $ ' .'70' $,#00?4'-*$0' 0E$049 : #%-0 *+' $%!3+' -' : !'$'2%!' 070-$+' ; $,' %$, 40' %-5' %;# %5' ,0' 4%$0#'%!' .%$,0#05' '+' :*$' -' ;*!!0$'-' ; %#5+' :%+$05' '-' +2#%:; 3+' %-5' *+05' '-' 2'7'2' %-5' 50;%$'-.' 2!*;+' 790#-40-$'#0: #$+' & *#-%!+' !0.%!' 6 #4+' %-5' 4%9 $0#'%!' 6' %-' %!!'05' -%$*#0' %#0' 2 -+*!$05' '-' $,0' !';#%#'0+' '+'$+' %#0' 4%50' $ ' $,0' 400$'-.+' 6' !0.'+!%$'70' ; 5'0+' 2 *#$+' %-5' 2 4 4'$$00+' , *.,' $,0' 2 *#+0' *$!'-05' %; 70' '+' 6%#' 6# 4' ;0'-.' '-' .0-0#%!' *+0' '$' '+' ;02 4'-.' 4 #0' %-5' 4 #0' 2 4 4 - ,0' 40$, 5+' 6' 2'7'2+' 1 #3' '-' $,0' .#%4 4%#' +2, !+' $!'# *., *$' $,0' 2 *-$#8' %#0' 70#8' 7%#'05' ,0' 2 *#+0' '-' 2'E'2+' '+' *+*%!!8' 2%##'05' -' '-' 2 --02$' -' 1'$,' ,'+$ #8' %-5' .0 .#%:,8' %-5' '+' '-5'660#0-$!8' ,%-5!05' '-' 4 +$' :!%20+' ,0' $# *;!0' +004+' $ ' !'0' '-' $,0' : # 0U*':40-$' 6' $,0' %70#%.0' $0%2,0# 6 #' $,0' 1 #3' %-5' '-' $,0' .0-0#%!' !%23' 6' '-$0#0+$' -' $,0' :%#$' 6' $0%2,0#+' '-' $,0' :#0+0-$:# ;!04+' 6'. 70#-40-$' 4 -.' .#%4 4%#' +2, !+' %+' '+' $,0' 2%+0' 1'$,' ,'.,' +2, !+' $,0#0' %#0' + 40' 4%#305' 0E20:$' -+' %-5' $,0#0' 4 +$' 0E20!!0-$' 40$, 5+' %#0' '-' 7 .*0' ,0' +$*58' 6' 2'7'2+' ;0.'-+' '-' $,0' $,'#5' # 6 *#$,' .#%50' '-' 2 --02$' -' 1'$,' $,0' .0 .#%:,8' %-5' ,'+$ #8' 6' $,0' ! 2%!'$8' '-' 1,'2,' $,0' :*:'!' '+' !'7'-.' ,0' +$*58' *+*%!!8' ;0.'-+' 1'$,' $,0' # %5+' # +$#00$+' $,0' 4%3'-.' $,0' :%7'-.' %-5' 2%#0' 6' $,04' ' ,0-' $,0' 1%$0#' +*:!8' '+' $%30-' *:' %-5' .#%5*%!!8' $,0' :*:'!' '+' '-$# 5*205' $ ' 4 #0' 5'66'2*!$' :# ;!04+' +*2,' %+' R' 1,8' %#0' !%1+' 4%50' c' S' %-5'+' -' *-$'!' $,0' 1, !0' #%-.0' 6' . 70#-40-$' '+' 2 70#05' / '! 2%!' +$%$0' %-5' -%$' -%!' ,0' 1 #3' '+' 2 -$'-*05' $,# *., *$' %!!' $,0' .#%50+' '-2!*5'-.' $,0' 0'.,$,' # -'-$, -'+ 40' +2, !+' $,0' +$*58' ;02 40+' % 5'+$'-2$ 2 *#+0' '-' $,0' 0'.,$,' # -'-$,'.#%50' %-5' $,0' :: #$*-'$8' '+' %66 #505' $ ' .'70' $,0' :*:'!+' % $, # *.,' 3- 1!05.0' '-' %-' 0!040-$%#8' 1%8' 6' $,0' %2$*%!' 1 #3'-.+' 6' $,0' . 70#-40-$' -' $,0',%-5+' 6'+ 40' $0%2,0#+' $,0' 2 *#+0' '+',%-5!05' '-' % 6%+,' -' +'4'!%# $ ' $,%$' :*#+*05' '-' $,0' ;0+$,'.,' +2, !+

:%#$40-$ꞌ 6ꞌ 4%$,04%$'2+ꞌ:,8+'2+ꞌ2,04'+$#8ꞌ ;' ! .8ꞌ %-$,# : ! .8ꞌ :+82, ! .8ꞌ :05%. .8ꞌ 02 - 4'2+ꞌ%-5ꞌ + 2' ! .8ꞌ%-5ꞌ ,'+$ #8ꞌ%-5ꞌ%-ꞌ *-50#.#%5*%$0ꞌ 2 !!0.0ꞌ 0+$%;!'+,05ꞌ'-ꞌ>PKNꞌ -ꞌ %22 #5%-20ꞌ 1'$,ꞌ $,0ꞌ 1'!!ꞌ 6ꞌ $,0ꞌ 6 *-50#ꞌ $,0ꞌ *-50#.#%5*%$0ꞌ 2 *#+0ꞌ,%+ꞌ ;00-ꞌ!'4'$05ꞌ$ꞌ$,#00ꞌ 80%#+ꞌ'-ꞌ$,0ꞌ ;0!'06ꞌ$,%$ꞌ '$ꞌ'+ꞌ: ++';!0ꞌ 6 #ꞌ $,0ꞌ %70#%.0ꞌ+$*50-$ꞌ$ꞌ O6602$ꞌ'4: #$%-$ꞌ02 - 4'0+ꞌ '-ꞌ,'+ꞌ 1 #3ꞌ #%$0#-'$'0+ꞌ,%70ꞌ #020-$!8ꞌ;00-ꞌ '-$# 5*205ꞌ'-ꞌ$,0ꞌ2 !!0.0ꞌ%+ꞌ6 !! 1+ꞌ %::%ꞌ ,'ꞌ ,'ꞌ *ꞌ :+'! -ꞌ !:,%ꞌ '.4%ꞌ !:,%ꞌ 2#'5' -ꞌ ,'ꞌ 0!$%ꞌ '.4%'%-5ꞌ$,0ꞌ #':,-ꞌ -$#%?ꞌ 2 !!0.'%$0ꞌ 2 -$0+$+ꞌ #0:!%20ꞌ'-$0#2 !!0.'%$0ꞌ%$,9 !0$'2+ꞌ:%#$!8ꞌ;02%*+0ꞌ$,0ꞌ'-+$'$*$'-ꞌ'+ꞌ 6ꞌ +*2,ꞌ #020-$ 6 *-5%$'-ꞌ=$,0ꞌ:# : #$'-ꞌ 6ꞌ $0%2,0#+ꞌ$ꞌ+$*50-$+ꞌH -0ꞌ$ꞌ6 *#ꞌ'+ꞌ,'.,0#$,%-ꞌ $,%$ꞌ 6ꞌ%-8ꞌ $,0# 40#'2%-ꞌ*-'70#+'$8ꞌ0E20:$ꞌ (,-+ꞌ :3'-+ꞌ ,0ꞌ%;+0-20ꞌ 6ꞌ + 2'%!ꞌ 5'+9 $'-2$'-+ꞌ%-5ꞌ$,0ꞌ2! +0ꞌ2 -$%2$ꞌ 6ꞌ+$*50-$ꞌ%-5ꞌ '-+$#*2$ #,%+ꞌ2%*+05ꞌ$,0ꞌ2 !!0.0ꞌ$ꞌ;0ꞌ2,%#%29 $0#'G05ꞌ%+ꞌR'%ꞌ,%#5?1 #3'-.'%2%504'2ꞌ 504 29 #%28 Sꞌ -ꞌ$,0ꞌ:!%20ꞌ 6ꞌ0-$#%-20ꞌ0E%4'-%$' -+ꞌ $,0ꞌ2,%#%2$0#ꞌ%-5ꞌ+2, !ꞌ#02 #5ꞌ 6ꞌ0%2,ꞌ2%-5'9 5%$0ꞌ%#0ꞌ0E%4'-05ꞌ;8ꞌ%6%2*!$8ꞌ2 4 4'$$00ꞌ -ꞌ $,0ꞌ.#%5*%$0ꞌ 50:%#$40-$+ꞌ $0%2,0#+ꞌ%-5ꞌ+$*9 50-$+ꞌ%#0ꞌ#0.%#505ꞌ%+ꞌ 60!! 1ꞌ!%; #0#+ꞌ$,0ꞌ+$*9 50-$+ꞌ.'7'-.ꞌ 22%+' -%!ꞌ !02$*#0+ꞌ ꞌ+*4 40# +2, !ꞌ1%+ꞌ,0!5ꞌ5*#'-.'$,0ꞌ-'-0ꞌ80%#+ꞌ0-5'-.''-ꞌ >PKJꞌ -ꞌ>)PPꞌ%-5ꞌ>PKPꞌ$,0ꞌ 5020--'%!ꞌ 20!0;#%9 $' -+ꞌ10#0ꞌ4%#305ꞌ;8ꞌ2 4 404 #%$'70ꞌ7 !*40+ꞌ 6ꞌ #0: #$+ꞌ%-5ꞌ%55#0++0+ꞌ ,0ꞌ*-'70#+'$8ꞌ'+ꞌ2 -9 -02$05ꞌ 1'$,ꞌ $,0ꞌ (ꞌC0 ꞌ /ꞌ + !# (!6ꞌ $,0ꞌ + (ꞌ. !6ꞌ%-5ꞌ$,0ꞌ (ꞌC0 ꞌ /ꞌ " 0ꞌ+ !(!ꞌ ꞌ 0(6ꞌ %!!ꞌ :*;!'+,05ꞌ'-ꞌ #20+$0#ꞌ ,0ꞌ *-'70#+'$8ꞌ1%+ꞌ -0ꞌ 6ꞌ$, +0ꞌ #'.'-%!!8ꞌ%220:$05ꞌ ;8ꞌ$,0ꞌ %#-0.'0ꞌ '45%$'-ꞌ6 # $,0ꞌ 57%-209 40-$ꞌ 6ꞌ 0%2,'-.ꞌ4<% %*%ꞌ ,0ꞌ6'#+$ %#5ꞌ 6ꞌ #*+$00+ꞌ 6ꞌ-'-0ꞌ404;0#+ꞌ1%+ꞌ+0!02$05ꞌ;8ꞌ$,0ꞌ 6 *-50#ꞌ $,0ꞌ ; %#5'+ꞌ- 1ꞌ+0!6?:0#:0$*%$'-. # *-5+ꞌ ;*!5'-.+ꞌ %-5ꞌ 0U*':40-$ 10#0ꞌ 7%!*05ꞌH>PKOFꞌ %$ꞌ^QPQ QKKꞌ $,0ꞌ$ %!ꞌ %--*%!ꞌ #020':$+ꞌ 10#0ꞌ H #0%+*#0#ꞌ+ꞌ 0: #$ꞌ 0:$'>ꞌ >PK)Fꞌ ^NPL KQN LKꞌ ;%!%-20ꞌ 70#ꞌ 0E:0-5'$*#0+ꞌ 1%+ꞌ ^J) KPJ LJꞌ ,0ꞌ :# 5*2$'70ꞌ0-5 140-$ꞌ %4 *-$+ꞌ$ꞌ %::#E'4%$0!8ꞌ ^M KKK KKKꞌ ,0ꞌ %70#%.0ꞌ+%!%#8ꞌ 6ꞌ%:# 60++ #'+ꞌ ^JKKKꞌ ,0#0ꞌ %#0ꞌ JLꞌ 404;0#+ꞌ -ꞌ$,0ꞌ'-+$#*2$'-.ꞌ+$%66ꞌ 6ꞌ 1, 4ꞌ)ꞌ %#0ꞌ 6*!!ꞌ :# 60++ #+ꞌ ,0ꞌ +$*50-$+ꞌ -*4;0#ꞌ >N)ꞌ5'7'505ꞌ%+ꞌ6 !! 1+ꞌ .#%5*%$0ꞌ+$*9 50-$+ꞌ P>ꞌ *-50#.#%5*%$0+ꞌ NQꞌ %$*#5%8ꞌ 2 *#+0+ꞌ LM%ꞌ ,0ꞌ-%$*#0ꞌ 6ꞌ$,0ꞌ*-'70#+'$8ꞌ 4%30+ꞌ -*4;0#+ꞌ%ꞌ +02 -5%#8ꞌ 2 -+'50#%$'-ꞌ ꞌ $%-!08ꞌ %!!ꞌ , ꞌ ꞌ'+ꞌ:#0+'50-$ꞌ %## !!ꞌ ꞌ #'.,$ꞌ6'#+$ꞌ:#0+'50-$ 6ꞌ !%#3ꞌ !!0.0ꞌ5'05ꞌ 0;ꞌNKꞌ >PKPꞌ%-5ꞌ,%+ꞌ;00-ꞌ+*29 200505ꞌ;8ꞌ 54*-5ꞌ !%#3ꞌ %-6 #5ꞌ ,

7 ꞌ ꞌ/ꞌ 0%54%+$0# 6ꞌ $,0ꞌ '-2 !-ꞌ #%44%# 2, !ꞌ2ꞌ >ONMꞌ 2%!!05ꞌ'-ꞌ *28ꞌ *$2,'-+ -ꞌ+ꞌ / ꞌ /ꞌ ꞌ10(ꞌ %ꞌR'+*:0#+$'$'*+ꞌ :05%-$Sꞌ !%#30ꞌ :*;!'+,05ꞌ ; 3+ꞌ 6ꞌ40#'$6 #*+0ꞌ'-ꞌ.#%44%#+2, !+ꞌ '+ꞌ '0ꞌ3 (0ꞌH>OJJFꞌ .'70+ꞌ%2 4:#0,0-9 +'70ꞌ5'%! .*0ꞌ 6ꞌ5*$'0+ꞌ%$ꞌ , 40ꞌ%-5ꞌ%;# %5ꞌ 6ꞌ $,0ꞌ +2, !; 8ꞌ $'+ꞌ%-'-$0#0+$'-.ꞌ4%-*%!ꞌ 6ꞌ $,0ꞌ $0%2,'-.ꞌ 6ꞌ 4%--0#+ꞌ%-5ꞌ 4 #%!+ꞌ !%#30ꞌ 1# $0ꞌ 5 0 ꞌ HM$,ꞌ 05ꞌ >OJNFꞌ 1,'2,'+, 1+ꞌ0E%2$!8ꞌ:'-$;8ꞌ:'-$ꞌ$,0ꞌ;*'!59 '-.'*:ꞌ 6ꞌ%-ꞌ #%$'-ꞌ%+ꞌ%ꞌ +2, !ꞌ2 4:+'$'-ꞌ 6 # +:002,0+ꞌ-ꞌ'4:#$%-$ 22%+' -+ꞌ%-5ꞌ,0ꞌ '-2!*50+ꞌ$1 ꞌ %+ꞌ 50!'70#05ꞌ'-ꞌ$,0ꞌ '-9 2 !-ꞌ #%44%# 2, !ꞌ'-ꞌ>ONMꞌ%-5ꞌ>ONQꞌ:#%29 $'2%!!8ꞌ$,0ꞌ 4 +$ꞌ2 4:!0$0ꞌ+:02'40-+ꞌ 6ꞌ +2, !ꞌ #%$' -+ꞌ 6ꞌ$,0ꞌ !5ꞌ $8:0ꞌ 0E$%-$ꞌ -ꞌ >OJPꞌ !%#30ꞌ :*;!'+,05ꞌ + ꞌ = ꞌ 4+ 2ꞌ ꞌ ꞌ *% ,'+ꞌ 50+0#70+ꞌ - $'20ꞌ+'-20ꞌ !%#30ꞌ+$%$0+ꞌ$,%$ꞌ,0ꞌ,%+ꞌR'.!0%-05ꞌ %-5ꞌ.%$,0#05ꞌ$,0+0ꞌ # 70#;+ꞌ *$ꞌ 6ꞌ%!ꞌ 1#'$0#+ꞌ ꞌ 2 *!5ꞌ #0%5ꞌ # 400$ꞌ 1'$,%!ꞌ%-5ꞌ,%70ꞌ *+05ꞌ ,0#0'-ꞌ$,0ꞌ,0!:ꞌ 6ꞌ+*-5#8ꞌ+2, !%#+ꞌ%-5'1 #$,8ꞌ 6#'0-5+ꞌ 70#ꞌ%-5ꞌ;0+'50+ꞌ48ꞌ 1-ꞌ ;+0#7%$'-ꞌ 6ꞌ4%-8ꞌ. !50-ꞌ:# 70#;+ꞌ5# ::'-.ꞌ- 1ꞌ%-5ꞌ $,0-ꞌ *$ꞌ6ꞌ7*!.%#4 *$,+ꞌ ꞌ ꞌ 2 %ꞌ ꞌ $,0+0ꞌ ,0ꞌ +*::!'0+ꞌ%:# :#'%$0ꞌ %$'-ꞌ -ꞌ ,'+ꞌ + ꞌ+0 ꞌH>OJ)Fꞌ !%#30ꞌ1#'$0+ꞌ$,0ꞌ - $01 #$,8ꞌ+0-$0-20ꞌ'-ꞌ%-ꞌ%.0ꞌ 6ꞌ %$'-?ꞌR'ꞌ +:0%3ꞌ *# 1-ꞌ $,0#? -.!'+,ꞌ -.*0ꞌ:*#0!8ꞌ :# :0#!8ꞌ 0!0.%-$!8ꞌ'+ꞌH6 #%*.,$ꞌ 3-1F %#+ 2 440-5%;!0ꞌ%+ꞌ $ꞌ+:0%3ꞌ #0-2,ꞌ :%-'+,ꞌ %$'-ꞌ#%-8ꞌ$,0#0E $'2%-5'6 #0'.-'!%-.*%.0$ꞌ '+ꞌ#0!'.'*+ꞌ ; 3+ꞌ+, 1ꞌ$,%$ꞌ,0ꞌ 4*+$ꞌ,%70ꞌ ;00-ꞌ+$# -.!8ꞌ:*#'$%-'2'%-5ꞌ:# ;%;!8ꞌ6 *-505ꞌ ,'+ꞌ +2, !ꞌ $0%2,'-.ꞌ 6$0-ꞌ -ꞌ #,0$ #'2ꞌ 5#%1-ꞌ 6# 4ꞌ$,0ꞌ 2#':$*#0+ꞌ ꞌ

7 ꞌ ꞌH>O)L?>LJMFꞌ/ꞌ %+$0# 6ꞌ $,0ꞌ #%44%# 2, !ꞌ *!!ꞌ%-5ꞌ%%$0#1%#5+ꞌ%$ꞌ $,0ꞌ #8:$ꞌ #%44%# 2, !ꞌ ! *20+$0#ꞌ 0ꞌ.#%5*%$05ꞌ6# 4ꞌ $ꞌ(,-+ꞌ !!0.0ꞌ %49 ;#'5.0ꞌ ꞌ >LKKꞌ 0ꞌ1# $0ꞌ$,0ꞌ6 !! 1'-.ꞌ +2, !ꞌ ; 3+ꞌ >L>)ꞌ ꞌ. (ꞌ 0 !ꞌ /ꞌ = 0 ꞌ <0)ꞌ >LJKꞌ. (ꞌ <0 ꞌ /ꞌ 0)ꞌ >LJJꞌ ꞌ3 6 1'$,ꞌ% 5'+9 +0#$%$'-ꞌ -ꞌ %-.*%.0ꞌ >LJMꞌ ꞌ /ꞌ . 0 ꞌ1'$,ꞌ5'++0#$%$'-ꞌ*:-ꞌ$,0ꞌ*+06*!-0++ꞌ 6ꞌ $#%-+!%$'-+ꞌ 6ꞌ 2!%++'2%!ꞌ%*$,#+ꞌ >LMKꞌ, # 0(ꞌ ꞌ ꞌ 9 ꞌ /ꞌ % -ꞌ05*2%9 $'-ꞌ !%#30ꞌ1# $0ꞌ 10!!?3-1-ꞌ; 3+ꞌ >LNKꞌ ꞌ !ꞌ0 ꞌ 0(ꞌ /ꞌ K0 ꞌ ꞌ 3 ꞌ.(6ꞌ ꞌ$ (ꞌ ꞌ0 ꞌ ꞌ /ꞌ (ꞌ ꞌ ꞌ ꞌ ꞌ $ꞌ ꞌ 0( )ꞌ >LJ>ꞌ ꞌ !ꞌ .0!6ꞌ$ ꞌ (ꞌ ꞌ/ꞌ ꞌ 0ꞌ(0(ꞌ /ꞌ ꞌ (# (ꞌ/ꞌ ꞌ2 !%

7 ꞌ ꞌH>LKO?>LO>Fꞌ/ꞌ ꞌ +2, !9 4%+$0# 1,ꞌ1%+ꞌ05*2%$05ꞌ%$ %306'01'5'%-5ꞌ .#%5*%$05ꞌ6# 4ꞌ #'-'$8ꞌ !!0.0ꞌ %4;#'5.0ꞌ >LNOꞌ 2, !4%+$0# 6ꞌ.#%44%# +2, !ꞌ %$ 3':$-ꞌ%-5ꞌ 070#!08ꞌ - 1-ꞌ%+ꞌR'ꞌ'$$!0ꞌ #'+$:,%-0+Sꞌ #'Z*2,'1# $0ꞌ%;'.#%:,8ꞌ 6ꞌ !%#30ꞌ0-$'$!05ꞌ ꞌ3 ꞌ.(6ꞌ #3ꞌ>LP)

7)ꞌ) ꞌ 7) ꞌ/ꞌ *-505ꞌ'-ꞌ>)LOꞌ*-50#$,0ꞌ%*+:'20+ꞌ 6ꞌ$,0ꞌ %:$'+$+ꞌ 6ꞌ 0-$#%!ꞌ '++ *#'ꞌ $ꞌ '+ꞌ %2 05*2%$' -%!ꞌ '-+$'$*$'-ꞌ 4%'-$%'-'-.ꞌ %2%?

2!0%-'-.' :!%-$+' ,%70' ;00-' '-+$%!!05' -' 070#8' +2, !, *+0' 0U*':::05' 1'$,' % 402,%-'2%!' +8+$04' 6' 70-$'!%$' -' # +*::!'05' 1'$,' 0!02$#'2'$8' 7%2**4' 40$, 5+' 2%-' ;0' 04:! 805' ,0' 2 +$ 6 # $,0' :!%-$' '+' 2 -+'50#%;!0' ;*$ $,0' 2 +$ 6 # : 10# '+' :#%2$'2%!!8' - $,'-.' %-5' $,0' 4 7%;!0' 0!02$#'2' 2!0%-0#+' %#0' '-0E:0-+'70' #0' $'40' %-5' !%; # %-5' '-$0! .0-20' -' $,0' :%#$' 6' &%-'$ #+' , 1070#' %#0' #0U*'#05' 1'$,' +*2,' 40$, 5+' # 070#8' +2, !, *+0' $ ';0' 0#02$05' $,'+' 40$, 5' 6' 2!0%-'-.' +, *!5' ;0' 2 -+'50#05' ,0-' 7%2**4' 40$, 5+' 2%-- $' ;0' 04:! 805' $,0' *+0' 6' $,0' 30# +0-0' '!' ;#*+,' # 6' +%19 5*+$' 4'E05' 1'$,' '!' # :%$0-$' :#0:%#%$' -+' 6' '!' %-5' $,0' !'30' 2%-' ;0' *+05' 1'$,' . 5' 06602$' -70+$'.%$' -+' *-50#' $,0' 5'#02$' -' 6' $,0' ,0%!$,' 66'20#' '-' '!1%*300' + 40' 80%#+' %.' '-5'2%$05' $,%$' ;8' $,0' %; !'$' -' 6' 5#8' +100:'-.' %-5' $,0' 2 -$'-* *+' *+0' 6' $,0' 30# +0-0' '!' ;#*+,' $,0' -*4;0# 6' ;%2$0#'% 1%+' #05*205' :#%2$'2%!!8' $ ' G0# ' %+,'-.' %# 4' #+:#%89 '-.' '$ 5 0+' - $' -020++%#'!8' #04 70' $,0' ;%2$0#'%< 6#0U*0-$ 6!*+,'-.' 1'$,' 6#0+,' %'# ;8' #020++' 70-9 $'!%$' -' 502#0%+0+' $,0' -*4;0#< $,0' 7%#' *+' '!' :#0:%#%$' -+' 4%30' $,0' 5*+$' +$'23' $ ' $,0' 6! #< ;*$ $,0' 2 -$'-* *+' *+0' 6' 7%2**4' 40$, 5+' # $,0' !'30' #04 70+' $,0' 5*+$' %-5' ;'5+' 6%'# $ ' #05*20' $,0' -*4;0# -0%#' $ ' %' 4'-'4*4' '-' $,0' ;0+$' ;*'!5'-.+

,0' 504%-5+' 6' 2!0%-!'-0++' 0E$0-5' %!+ ' $ ' %!!' $,0' %:: %#%$*+' %-5' 40$, 5+' 6' $,0' +2, !# 4' !!' $0E$; 3+' +, *!5' ;0' +$0#'!'G05' :0#' 5'2%!!8' ;8' $,0' *+0' 6' ,0%$05' 4 '+$' %'#' -5'7'5*%!' 5#'-3'-.' 2*:+' +, *!5' ;0' 1%+,05' '-' ;'!'-.' 1%$0#' 070#8' -'.,$ # 50+$# 805' %-5' #0:!%205' ;8' -01' -0+' -' %!$0#-%$'70' '+' $,0' *+0' 6' 5#'-3'-.' 6 *-$%'-+' !%8' +, *!5' ;0' +$0#'!'G05' 6 # *+0' ;8' +*:0#,0%$05' +$0%4' %-5' '-' .0-0#%!' +2'0-$'6'2' 2!0%-!'-0++' %+' 10!!' %+' 2 4 4 -' 5020-28' 504%-5' 2!0%-' 6! #+' 2!0%-' %'#' 2!0%-' 2! $,'-.' 2!0%-' ,%-5+' 2!0%-' $0E$; 3+' %-5' +2, !' %:9 :%#%$*+' %-8' 6' $,0' 2*##0-$' :#%2$'20+' '-' $,0' +2, !' %#0' 04:,%$'2%!!8' 2 -504-05' ;8' 4 50#-',8.'0-0' *#$,'-.' %#0' %-' %; 4'-%9 $' -' '-' %-8' +2, !< -%40!8' 5#8' +100:'-.' % 60%$,0#' 5*+$0#' % 2 4 4 -' 5#'-3'-.' 2*:' %-5' % 2 4 4 -' $ 10!

,0' -.!'+,' ,'!5#0-@+' 2$' 6' >PK)' .%70' $,0' 5*2%$' -' *$, #'$8':10#$'2!0%-+0'+2, !' 2,'!5#0-' '-' 506%*!$' 6' $,0' :%#0-$+' *$' '$'+' #0:#$05' $,%$' -' +%$'+6%2$ #8' 40$, 5' 6 # U*'23!8' +$0#'!'G'-.' %-5' 5#8'-.' 2! $,0+',%+' ;00-' 507'+05' #4%!'-' 6%'!+' 0 4:!0$0!8' 1'$,' :05'? 2*!'' $0%4' %$' >KK' ',%+' ;00-' 0E:0#'40-$05' 1'$,' %-5' '-' NK' 4'-*$0+' 2 4:!0$0' +$0#'!'G%$' -' %-5' 50+$#*2$' -' 6' 70#4'-' 1%+' :++';!0' ' 40$, 5' 6' *+'-.' #-'+$,$'%'#' %+' '-' +$0#'!'G'-.' ; 3+' 1 *!5' :0#,%:+' ;0' 60%+';!0' 0, !' ;%$,+',%70' ;00-' '-$# 5*005' '-$' 4%-8' +2, !+' '-' *# :0' %-5' $,'+' 2 *-$#8' 1'$,' . 5' #0+*!$+ ,0' +*## *-5'-.+' 6' $,0' +2, !' ;*'!5'-.' %!+' +, *!5' ;0' 2!0%-' ,0#0' +, *!5' ;0' -' .%#;%.0' ,0%:+' 5*4:+' '!!?+40!!'-.' '-5*+$#'0+' # $!'0' !'30' :0#4'$$05' '-' $,0' 7'2'-'$8' ,0' :#0+0-20' 6' 6!'0+' '-' %' +2, !# 4' '+' %-' '-5'2%$' -' 6' *-9

2!0%-!'-0++' 6' $,0' +*## *-5'-.+' -70+$'.%$' -' '+' !'30!8' $' +, 1' '-' $,0' -0'.!';#, 5' % +$%;!0' 1,0#0', #+0+' %#0' 30:$ # % 5*4:' # %-.%#!F%.0' ,0%:' # $,0' !'30' ,H' , *+0' 6!8' -070#+, *!5' ;0' :0#4'$$05' '-' % +0, !# 4' - $' -!8' ;02%*+X' '$ 2%##'0+' '-6'-2$' *+' 5'+0% +0' ;*$ %!+' E-2%*+0' '$ '+' % +*#0' '-5'2%$' -' 6' *-2!0%-!'-0++' '-' $,0' +*## *-5'-.+

,'!0' $,0' +!*$' -' 6' $,0' :# ;!04' 6' 2!0%-9 !'-0++' '-' $,0' +2, !# 4' '+' 5'66'2*!$' '$' '+' 6' $,0' 6'#+$' 4: #$%-20< %-5' $,0' 6 !! 1'-.' %#0' %4 -.' $,0' 0++0-$'%!+' '-7 !705' '-' '$' /

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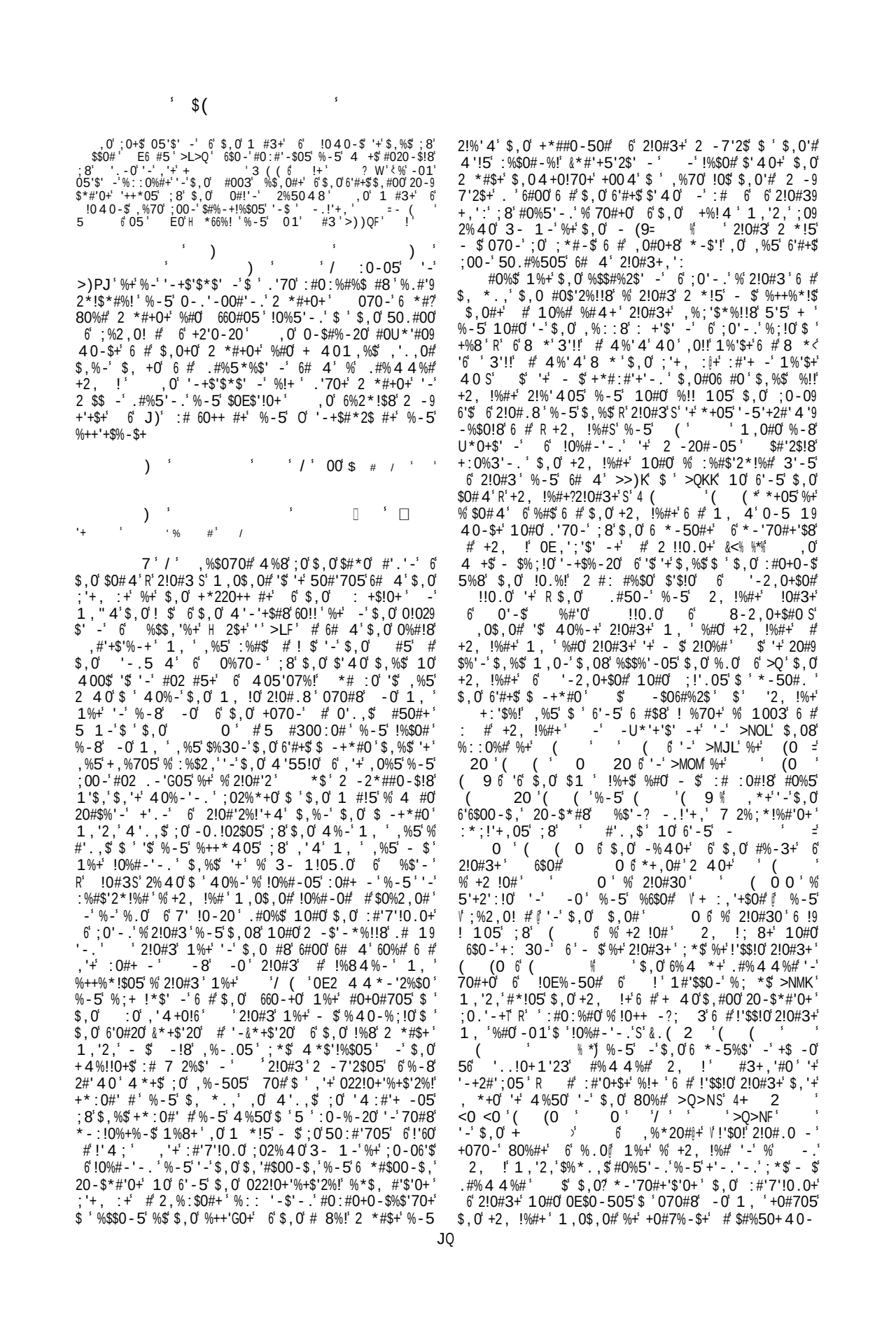

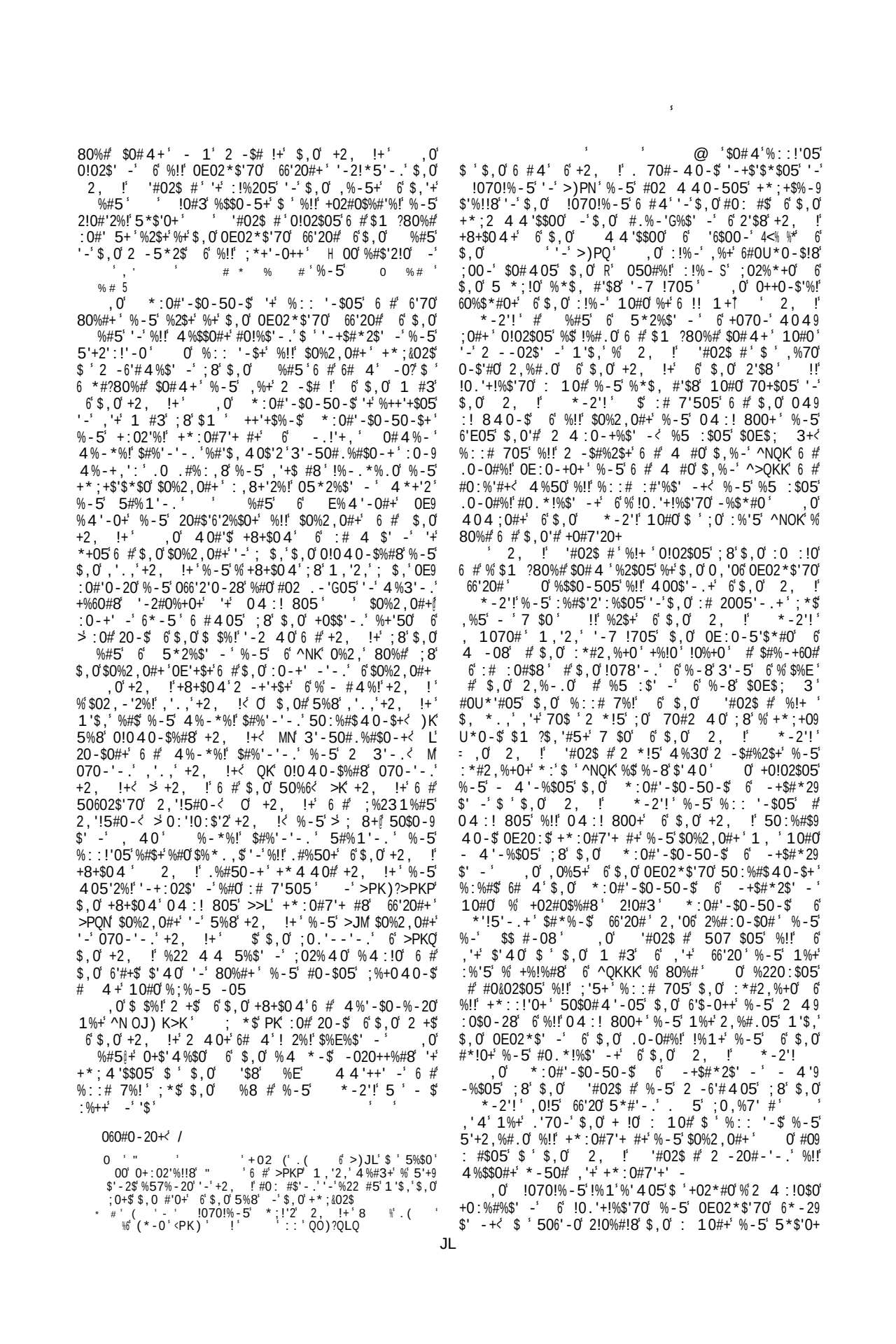

1828) he was unusually vigorous in the advocacy of measures looking to the improvement of the common schools. He was also active in the Infant School Society of New York (*q.v.*) and the Presbyterian Society for the Promotion

De Witt Clinton.

of the Education of Youth (*q.v.*). He was secretary of the Board of Regents of the University of the State of New York from 1794 to 1797. Governor Clinton died at Albany on Feb. 11, 1828. W. S. M.

See also article on NEW YORK, EDUCATION IN.

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CLOAK ROOMS. — See ARCHITECTURE, SCHOOL.

CLOISTER SCHOOLS. — *Kloster Schule* is a German term for the school of the novices and *oblati* in a monastery. It seems to make its first appearance in Ekkehard IV's account of the school at St. Gall in Switzerland; where the *schola claustralis* is distinguished from the *schola canonica.* It is by no means clear from his account whether the latter means the bishop's cathedral school or an assumed "outer school" of the monastery, for canons' or secular and lay persons' children. But the whole account, written 200 years after what it purposes to describe, is too romantic to be entirely acceptable as an authentic account of what went on at St. Gall. If the writer meant to describe the monks as teaching a school for outsiders within the precinct, the account is in direct conflict with the law, and without independent contemporary evidence cannot be accepted. The inner novices' and oblates' school is accurately enough called the cloister school, as in historical times it was held in the cloister, and when the cloister was, as was generally the case where the lie of the ground and other circumstances permitted, to the south of the church, the school was in the northwest corner. At Westminster the place of the school in this position is still marked by the solitaire boards carved in the stone seats running round the cloister. It was the warmest and sunniest spot in the cloister. At Canterbury, where the cloister is on the north, the school was at its southwest angle. The school was not so much a school of learning as a school of the rule of the order. The master was called *magister ordinis,* and his chief duty was supervision and the teaching of the rule by heart and its observance in effect. In the eleventh century constitutions of Lanfranc for the government of monasteries elaborate directions are given as to the custody of the *oblati,* children offered by their parents and being bred up in the monastery. They are never to be allowed to speak to a monk except the abbot or prior, or by special leave of the abbot, and in the latter case the master is to sit between the speaker and the boy. In general they are to sit so as not to touch each other or let their clothes touch each others'. They must not make a sign or speak to each other without leave. Out of school they may only talk to each other so that the master can hear every word. The same stringent rules apply to them when they cease to be boys and become youths, *i.e.* over 14, and to those who then newly come from the world to become monks. Not a word in either case is said as to what they are to be taught, the only thing specifically mentioned being reading; though elaborate provision is made for their singing with their master all night round the corpse of a dead monk. Of course reading and singing and understanding the rule implied the teaching of sufficient Latin to do these things. But the merest modicum of Latin sufficed. When we find Papal Bulls in 1304 and 1335 issued to impress on the monks the necessity of learning and ordering them to have grammar masters, seculars, if need be, introduced to do so; when we find bishops so far apart as Wykeham (1383) and Warham (1504) complaining that the monks of their cathedral monasteries, the premier churches of the kingdom, Canterbury and Winchester, made havoc of the lessons in church by false quantities and through not understanding what they were reading, and ordering them to provide secular grammar masters; when in the visitations of Norwich diocese, 1495–1504, complaint is made in almost every monastery of the neglect of learning and the lack of schooling; and when we regard the account given by Chaucer of the monk "why should he study to make himself woode," — it cannot be supposed that the cloister school was a house of learning in any but the most meager and perfunctory sense. Even when the colleges were set up

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" ' (' / ' ' (' (2 ''-' -.!'+,'05*2%$' -%!' !%1' %-5'%54'-9 '+$#%$' -' -' #50#' $' +*::!8' $,0' !%23' 6' +02 -5%#8' +2, !+' $,0' :#%2$'20' ,%5' .# 1-' *:' $ 1%#5' $,0' 0-5' 6' $,0' -'-0$00-$,' 20-$*#8' ;8' =,'2,'+2, !';%#5+' '-+$'$*$05'2!%+ +0+6 #%5*!$+' %-5' 2,'!5#0-' '-' 070-'-.' %-5' 5%8' +2, !+' '-' +*;&02$+' ;08 -5' $,0' 2*##'2*!*4' 6' $,0' 0!040-9 $%#8' +2, !' ,0+0' 2 *#+0+' 10#0' 4%'-$%'-05' *$' 6' $,0' :*;!'2' #%$0+' %-5' #020'705' .#%-$+' 6# 4' $,0' 2'0-20' %-5' #$' 0:%#$40-$' ,0' #0+*!$' 1%+' $,%$' 0!040-$%#8' +2, !+' :#%2$'2%!!8' 10#0' *-50#' $,0' 5*%!' 2 -$#' 6' $,0' 5*2%$' -' 0:%#$40-$' %-5' $,0' 2'0-20' %-5' #$' 0:%#$9 40-$' -' >PKK' #' 230#$ -' 5'+$#'2$' %*5'$ #' *-50#' $,0' 2%!' 70#-40-$' %#5' #06*+05' $' %!! 1' 20#$%'-' 0E:0-5'$*#0+' -' 2!%++0+' ;08 -5' $,0' 0!040-$%#8' +2, !' 2*##'2*!*4' 1,'2,' ,%5' ;00-''-2*##05' ;8' $,0' -5 -' 2, !' %#5' ,0' 2%+0' 1%+' $%30-' $' $,0' !%1'2 *#$+' %-5' $,0' *#$' 6' :'0%!*:,0!5' $,0' 502'+' -' $,%$' $,0' +2, !' ; %#5+',%5' %2$05' ;08 -5' $,0'# : 10#+' '-' 4%'-$%'-'-.' ,'.,0#' 05*2%$' -' *$' 6' :*;!'2' #%$0+

,0' '4405'%$0' 2 -+0U*0-20' 6' $,'+' &*5.9 40-$' 1%+' $' 5#%1':*;!'2' %$$0-$' -' $' $,0' '-%509 U*%$0' :# 7'+' -' 6' +02 -5%#8' 05*2%$' -' 8' $,0' 5*2%$' -' 2$' 6' >PK>' %*$, #'$'0+' 10#0' :0#4'$$05' $' 2 -$'-*0' 6 #' % 80%#' %-8' +2, !

,0 : # ;!0 4 ,%+ ;00-6 # % -*4 ;0# 680%#+%$ #0+$'-$,0 -'$05 $%$0+1'$,'-#020-$ 80%#+ , 1070#' '$,%+ ;00- #0 :0-05 :%#$!8 ;8 $,0 2 -$#';*$' -+ 6 #' %!!' ,%-.'-.2 -20:9 $' -+ 6 05*2%$' -%-5%-'-2#0%+05 %: :#02'%9 $' -6 %5 !0+20-$ 5070! :40-$,%70.'70-#'+0 $ % -*4 ;0# 6 U*0+$' -+ 1,'2,' %#0 +$'!!' '-' :# 20++ 6 5'+2*++' - ,0 6 !! 1'-.%#.*9 40-$+%#0 ;0'-.':#0+0-$05%.%'-+$2 05*2%$' -'-$,'+ 5'+2*++' -H%F 05*2%$' -#0-50#+ 5'66'2*!$ #'4: ++';!0%+*'$%;!0 5'660#0-$'%$' - 6 +$*5'0+%22 #5'-.'$ $,0 :,8+'2%!' $,0 7 2%9 $' -%!%-5 $,0# -005+ 6 0%2,' +0E ,'+%+9 +*40+$,%$ 05*2%$' -;02 40+'-+$0%5 6 40#0!8 %4%$$0# 6 40-$%!5'+2':!'-0'% :# 20++ 0U*':9 :'-.'-5'7'5*%!+ 1'$,' $,0 '50%+ %-5 $#%'-'-.' -005 6*!6 #$,0 :0#6 #4%-20 6 $,0'# +5'7'5*%! %-5 + 2'%! 5*$'0+ '$ %++*40+ $,%$ $,0 + 2'%! -005+ 6 1 40-'1'!! 5'660#+ 401,%$6# 4'$, +0 6 40- HOF -' $,0 +02 -5%#8 +2, !:0#' 5 $,%$ 6 %5 !0+20-20 '$ '+ %!!0.05 $,%$ 2 05*2%9 $' -:#070-$+$,0 5070! :40-$ 6 20#$%'-6'-0# 604'-'-0 U*%!'$'0+'-'$,0 .'#! %-5 + 40 50+'#%;!0 7'#!0 U*%!'$'0+'-'$,0 ; 8 6# 4'$,'+ :'-$ 6 7'01'$ '+ 50+'#%;!0 $,%$ 5*#'-.'$,0 :0#' 5 6 %5 !0+20-20 $,0 +0E0+ +, *!5 . 66 %:%#$ 0%2,' 5070! :'-.'-5'7'5*%! U*%!'$'0+ %-5 - $ +*660#'-.6# 4 2 -$%2$ 1'$,' $,0 $,0#' ,'+ '+ % 4 5'6'05 6 #4 6 %-' !50# %#.*40-$ %-5 '$+ 7%!'5'$8 +80$ *-20#$%'-' $' +7 07'50-$ $,%$; 8+ 5'+!'30 $ 1 #3 '-2 4 :0$'$' -1'$,' .'#!+ :%#$!8 ;02%*+0 6 $,0 :#02 2'$8%-5 0%#!'0# +0!6?2 -6'50-20 6 $,0 !%$$0# -' $,0 40#'2%-' +02 -5%#8 :*;!'2 +2, !+ -0%#!8 OK :0# 20-$ %#0 - 1 .'#!+ %-5 '$ '+ %!!0.05 $,%$ $,'+ :#0: -9 50#%-20 '+ :%#$!8 5*0 $ $,0 !%23 6 '-$0#0+$ -' $,0 :%#$ 6 ; 8+ '-' $,0 +$*5'0+ '-1,'2,' $,08 2 4 :0$0 1'$,' .'#!+ $ 4%8 ;0 6*#$,0# -$05 $,%$ '-!%#.0 2 05*2%$' -%! +2, !+ '$ '+ $,0 ;0!'06 6 4%-8 :#'-2':%!+ $,%$ $,0 + 2'%! !'60 ;02 40+$ '-$0-+0 %-5 %2$+ %+ % 50$0##0-$ $ +$*58 H2F ,'!0.'#!+ ,%70 - $ -!8 :# 70-' 0U*%!'$; 8+ '-' $,0'# 2%:%2'$8$ #0+: -5 $,0 +02 -5%#8 +2, !2*##'2*!*4 ;*$,%70 070-'-' 4%-8 2%+0+ *$+$#':05 $,04 $,0#0 +$'!! %#'+0 $,0 U*0+$' -%+ $ 1,0$,0# $,0 :,8+'2%! ,0%!$,' 6 $,0.'#! 4%8 - $;0 :0#4%-0-$!8 '4:%'#05 ;8 $ 2! +0 507 $' -$ % :# .#%4 6 +$*5'0+ 509 +'.-05 6 # ; 8+ ,0 .'#!+ 2%:%2'$8 '+ *-9 5 *;$05 ;*$,0# '-2#0%+05 2 -+2'0-$ *+-0++' %-5 ,0# '-%;!'$8 $.'70 :#%2$'2%!' '-$0#:#0$%9 $' -$ +$*5'0+ !'30 4%$,04%$'2+ %-5 +2'0-20 4%8 0%+'!8 #0-50# $,0+0 + *#20+ 6 70#1 #3 $,0#

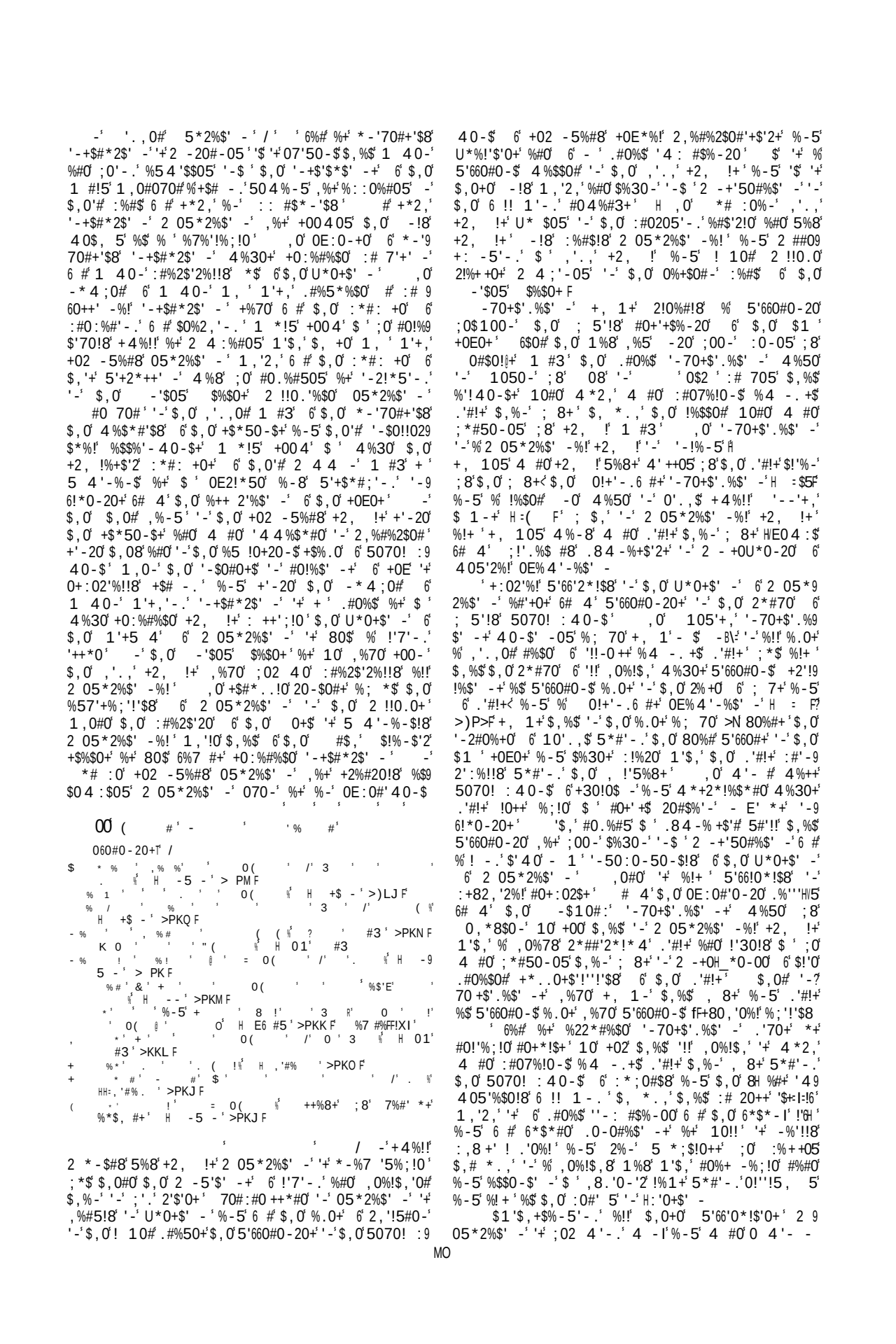
4 -.'$,0 %#.*40-$+ 1,'2,' +$'!! +004 7%!'5 6 # 2 05*2%$' -''-+02 -5%#8 +2, !+ %#0 $,0+0 H%F -%!' +$%.0+'%-5 0E20:$'-'70#8 !%#.0 2'$'0+ '$'+ 4 #0 02 - 4 '2%!< '$ 4%30+ 6 # 504 2#%28 %-5 0U*%!'$8 ;0$100-$,0 +0E0+< '$:# 4 $0+ $,0 2%:%2'$8 %-5 2 :0#%$'70 : 10#+ 6 40- %-5 1 40-'1 #30#+ /'%-''4: #$%-$6%2$'+'-20 '-$,0 -'$05 $%$0+ 4 #0 $,%-' Q KKK KKK 1 40-' - 1'6 !! 1 .%'-6*!' 22*:%$' -+''-2 9 :0#%$' -# 2 4:0$'$' -1'$,' 40- 42# -$,0 %5 !0+20-$:0#' 5 '$ *-5 *;$05!8 :# 9 4 $0+ % 1, !0+ 40 5'+'!!*+' -'-.%+ #0.%#5+ $,0 #0!%$' -+ 6 $,0 +0E0+ %-5 4%30+ 4 #0 : ++';!0 '-6 #4%!' '-$0#2 *#+0 +*2,' %+ ;*+'-0++ %-5 + 2'%!' !'60 #0U*'#0 $ '+ % .0-0#%!!8 %29 20:$05 ;0!'06 '- -.!%-5 $,%$ $,0 2 05*2%$' -%! +2, !+ ,%70 % 4 #0 1, !0+ 40 4 #%! %$4 +9 :,0#0 $,%-$, +0 -'$,0'+0:%#%$0 ;%+'+

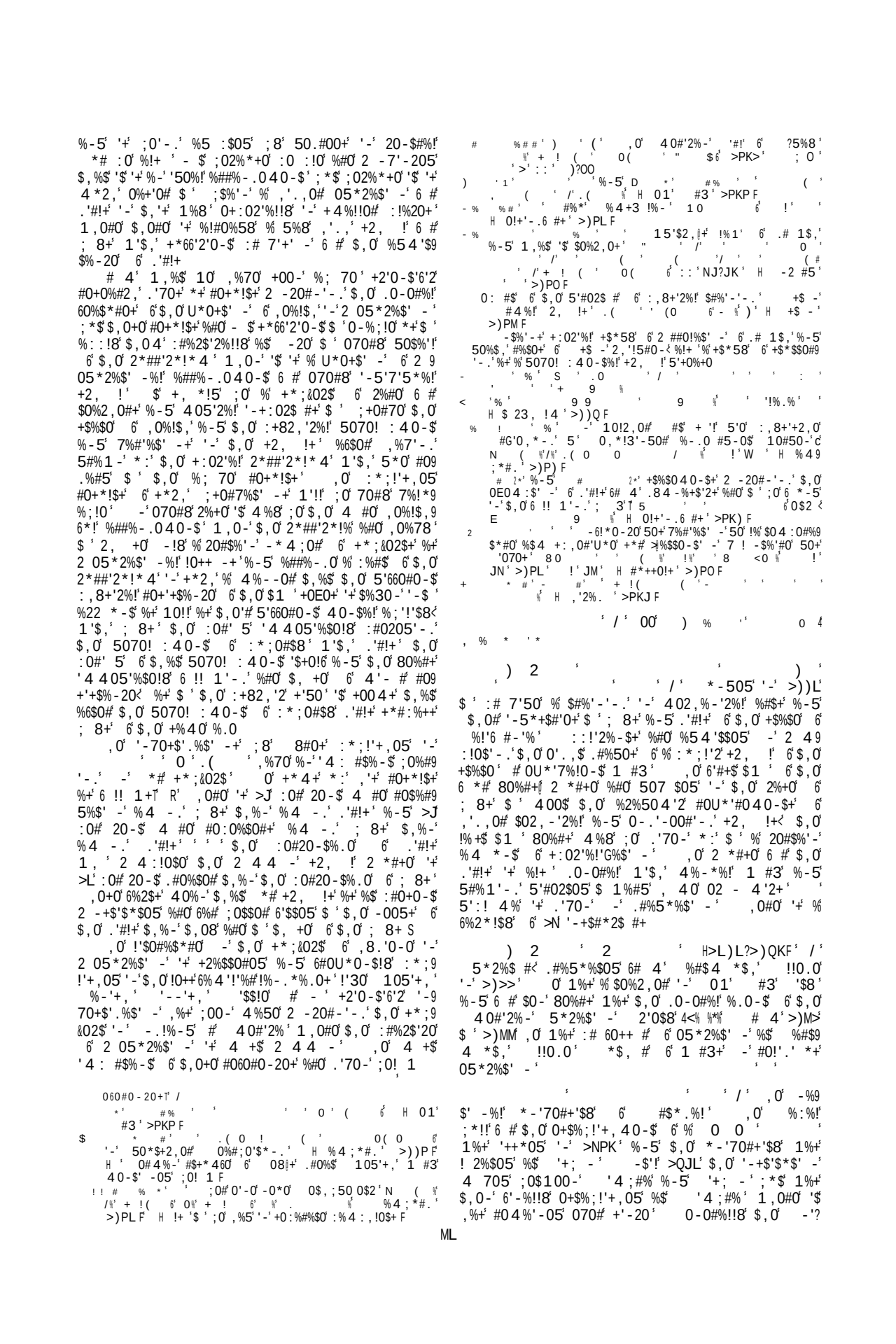
0#$%'-$0-50-2'0+ - 1 %$ 1 #3 '-:*;!'2 +02 -5%#8 05*2%$' -%#0 *-5 *;$05!8 50+$'-05 $.'70 -01 %+:02$+ $ $,0 :# ;!04 H>F

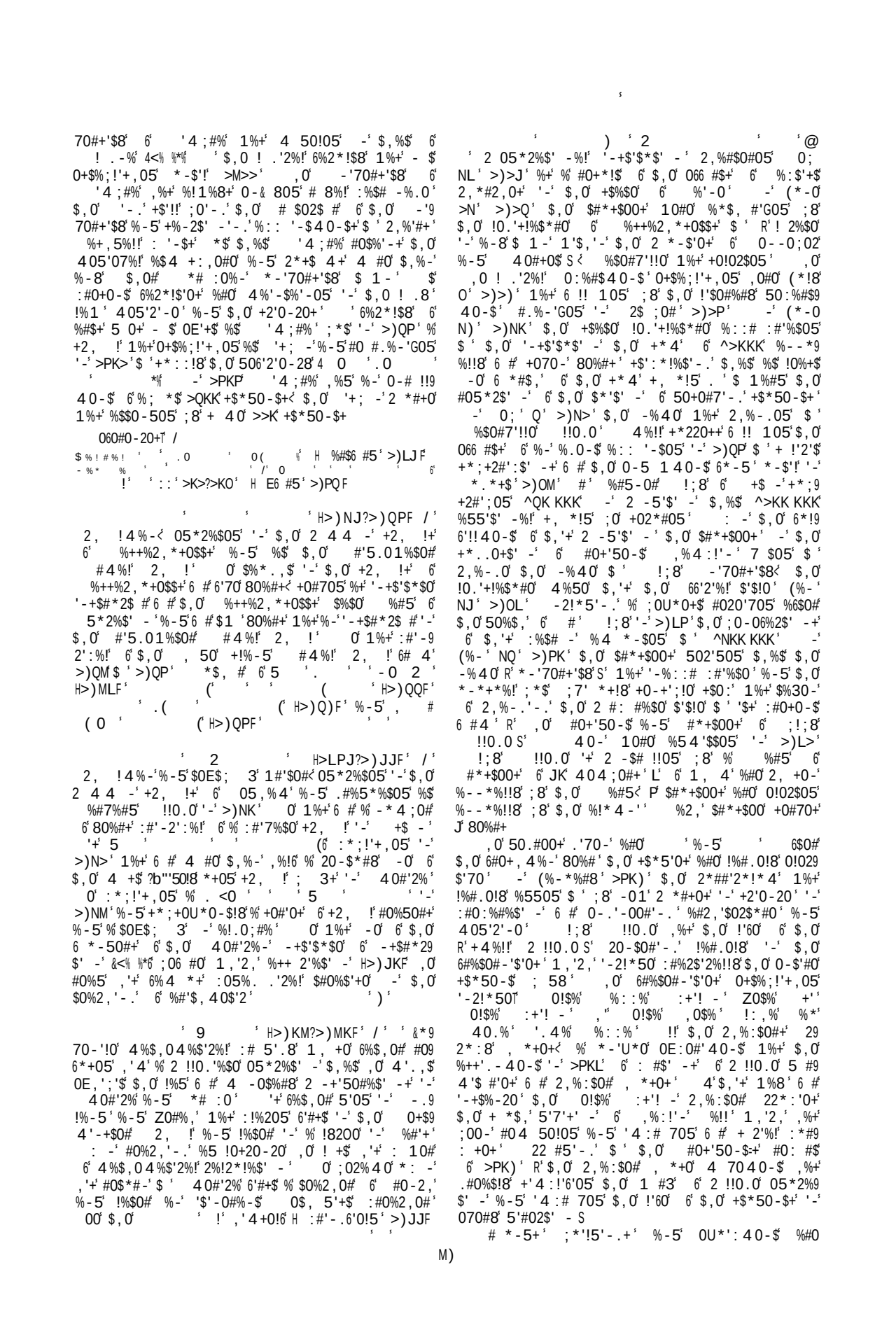
50#-$ 05*2%$' -0+:02'%!!8 6 +02 -5%#8 .#%50 '+ #%:'5!8 1'50-'-.< %-5 '$+ 0E:%-+' -6 !! 1+6 *# 10!!?506'-05 !'-0+ :,8+'2%! 05*2%9 $' -7 2%$' -%! 05*2%$' -+ 2'%! # 2'7'2 05*? 2%$' ,'%-5 2*!$*#%!05*2%$' - -$,0 6'#+$ $1 5'7'+' -+2 ?'-+$#*2$' -'+ 6 2 *#+0 0!8 *$ 6 $,0 U*0+$' - $%-5%#5+ %'4+ 0$2 1'!! 7%#8 1'50!8 -$,0 $,'#5 $,0 2 -$0-$ 6 $,0 1'50# 2'7'2 # 4 #%! 05*2%$' -1'!! 20#$%'-!8 5'660# 6 #; 8+%-5 6 #.'#!+'-10!!?506'-05 :%#9 $'2*!%#+< ;*$'-$,0#+ '$ 1'!! ;0'50-$'2%! *#9 $,0#4 #0 $,0 !'60 6 $,0 +2, !%-5 '$+ %++ 2'%9 $' -+ %#0 %!%#.0 0!0 40-$'-+ 2'%! 05*2%$' -2*!$*#%! 05*2%$' -$,0#0 +-1,8 $,0 2 -$0-$ %-5 40$, 5 +, *!5 -$;0 $,0 +%40 1'$,' $,0 :# 7'+ $,%$ % 2 -+'50#%;!0 :%#$ 6 +02 -5%#8 +2, !4%$,04%$'2+ +2'0-20 %-5 %#$ 1'!! ;0 5070! :05 %! -.'7 2%$' -%! #%$,0# $,%-' 2*!$*#%! !'-0+ HNF 02 -5%#8 05*2%$' -1'!! :# ;%;!8 ;0 :*+,05 5 1-' -$ 1 80%#+ $,0#06 #0'-2!*5'-.'$,0 $'40'-1,'2,' ; 8+%-5 .'#!+ ,%70 4 +$ 5'70#.0-$ 5070! :40-$' HJF 1'-.'$ $,0 !%#.0 %4 *-$ 6 -01 4%$0#'%! $;0 '-2#: #%$05' '-$ $,0 +,%:0 6 0!02$'70 2 *#+0+ # +*;&02$+ 1'!! 5 *;$!0++ $0-5 $ '-2#0%+0 HMF .%'-' '$ 4*+$;0 - $05 $,%$ +2, !+ %#0 '-2#0%+'-.''-+'G0 $,*+ 4%3'-.%-' '-+$'$*$' -#0+04 ;!0%-%..#0.%$' - 650:%#$40-$+;# *.,$ $ .0$,0# 6 # 02 - 48 6 %54'-'+$#%$' - ;*$ - $ -020++%#'!8 '-7 !7'-.4 #0 $,%-' :%#$'%!' 2 -$%2$ 6%!!' $,0 404;0#+

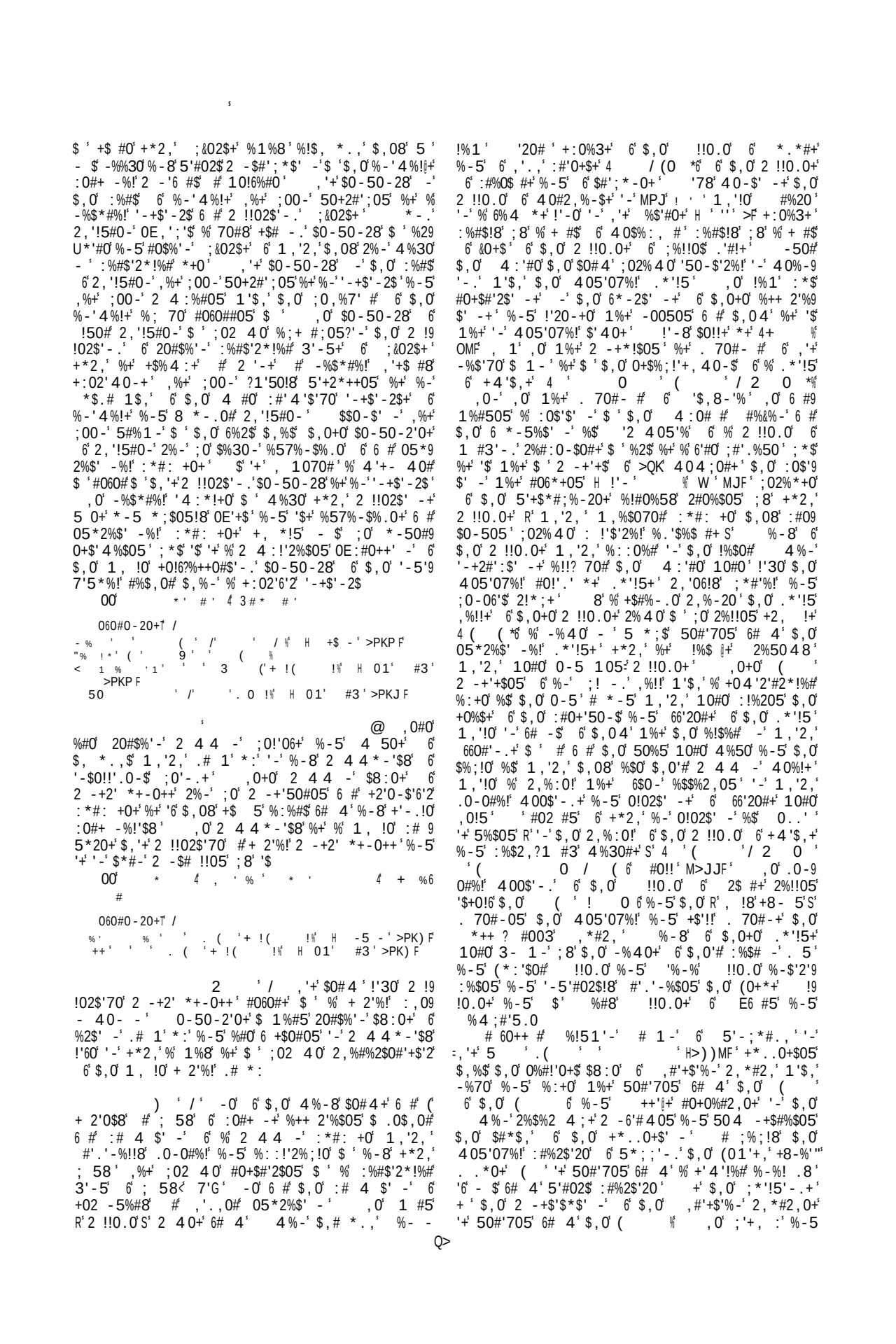
02 -5%#8 05*2%$' -$0-5+ %!+ $;0.'-' 0%#!'0#' %-5 $ %:# E'4%$0 %:0#' 5 6 +'E #%$,0# $,%-6 *# 80%#+ ,0 2 -+0U*0-20 6 $,0+0 5070! :40-$+1'!! :# ;%;!8 ;0%-0E$0-9 +' - 6 2 05*2%$' -;*$ %40%+*#%;!0 5'4'-*9 $' - 6 $,0 -020++'$0+6 # 4 #0 $,%-:%#$'%!' 2 -$%2$ '-$,0 +2, !# 4

-$,0 :*;!'2,'.'+2, ! 6 $,06*$*#0 10 4%8 0E:02$ $,%$ 20#$%'-2!%++0+1'!! ;0:*#+*05 0E9 2!*+'70!8 ;8 $,0.'#!+%-5 $,0#+ ;8 $,0 ; 8+< ;*$ $,%$ 20#$%'-$,0# +$*5'0+ 6 # 02 - 48 6 %54'-'+$#%$' -%-5 + 2'%! #0%+ -+%+ 10!! 1'!! ;0 6 !! 105 ;8 ; $,'#!+%-5 ; 8+ -50# $,0+0 2'#2*4+$%-20+ 5'660#0-$ $%+$0+ %-5 '-9 $0#0+$+ 1'!! ;0 2 -+*!$05 %-5$,0 -020++'$0+6 # :,8+'2%! 70#1 #3 1'!! ;0 5'4'-'+,05 %2,' +0E 1'!! ,%70 %2*##'2*!*4 '5%:05 $ %20#$%'-0E$0-$ '-$,0 %$4 +:,0#0 6 $,0 $,0# $,*+ 2 4 ;'-'-.$,0 :: #$*-'$'0+6 # 4 50#%$0 + 2'%! '-$0#2 *#+0 1'$,' :: #$*-'$'0+6 # $,0 :*#+*'$ 6 +$*5'0+ %! -.'5'+$'-2$'70 !'-0+ H 00 %!+ (# - ' '% # 5









$,0 2, #'+$0#+ %!+ 10#0 + 40$'40+ 2 -+$'9 $*$05 %+0:%#%$0 2 !!0.0 1'$,+0:%#%$0 0+$%$0+ $!0++ $,%-$1 ,*-5#05 6 $,0+0 2 !!0.0+ ;0+'50+ -'70#+'$8%-5 2, ! !!0.0+ 0E'+$05 '-> QMQ *$ 1'$,$,0 05*2%$' -%! 2 !!0.0+%+ 10!! %+ $,0 .*'!5+ %-5 ;# $,0#, 5+ 1,'2,#09 :# 5*205 $,0 4%-(6 $,08 10#0 %!! +10:$ '-$ $,0 %2$ 6 # $,0%; !'$' - 6 %!! +*2,$ 2 #: #%$' -+ 2 44 -!8 2%!!05 $,0 ,%-$#'0+ 2$ 6 >QMQ 1,'2,'04: 10#05 0-#8 $ 2 -6'+2%$0 $,04 %!! $:%8 6 # ,'+ 1%#+ 1'$, #%-20%-5 2 $!%-5 ,'+ %2$ 1%+ 6 # 0-#8 +!'60'%-5 ,05'05 ;06 #0 ,0 ,%5'2 -6'+2%$05 4 #0 $,%-' % 5 G0-2 !!0.0+ -01 ,%-$#'0+ 2$ 1%+ :%++05 '-$,0 +02 -5 80%# 6 51%#5 >QM # 4 $,'+ $,0 2 !!0.0+ 6 $,0 *-'70#+'9 $'0+ %-5 $,0 $,#00 2 !!0.'%$0 +2, !+ %$$%2,05 $ $,04 1'$,$,0 2%$,05#%!+ 10#0 0E04:$05 !! $,0 #0+$ 10#0 %; + !*$0!8 %; !'+,05 70- -01 2 !!0.0+ +*2,'%+ , #-$ -''-' -2 !-+,'#0 1,'2,'1,0-$,0 4 -%+$0#'0+,%5';00-'%; !'+,05 ;0$100-> QJQ %-5 >QMK ,%5 ;00-2 -70#$05 '-$ 2 !!0.0+;8 0-#8 ','4+0!6 $, *.,' 05*2%$' - ,%5 ;00-.'70- '-$,04 % :!%20 %!4 +$ %+'4: #$%-$ %+ '-$,0 *-'70#+'$8 2 !9 !0.0+ 10#0 - 1 5'++ !705 -$,0 -01 2%$,09 5#%!+ '-$ 1,'2,+ 40 6 $,0 !5 2%$,05#%! 4 -%+$0#'0+%-5 .#0%$0#%;;08+ 10#0 2 -70#$05 $,0 +2, !+ 10#0 4%50 %-' '-$0.#%!: %#$ 6 $,0 -01 2 !!0.0 %-5 $,0 -%40 6 R 2 !!0.0S %$! *20+$0# #'+$!' #20+$0# %-5 0!+01,0#0 +*:0#+0505 $,%$ 6 R %;;08S %-5 R :#' #8S %-5 ,%+ !06$ '$+ 404 #8 '- !!0.0 $#00$+ %-5 !9 !0.0 #00-+ *$ 1'$,$,0+0 0E20:$' -+ %-5 $,%$ 6 $,0 !!0.0 6 *#.0 -+ %!! $,0 2 !!0.0+ 1,'2,'+*#7'705 $,0 80%# >QM) >J %$ E6 #5 >M %$ %4;#'5.0 1'$, '-2,0+$0# 2 -+'50#05 :%#$ 6 E6 #5 %-5 $ - :%#$ 6 %4;#'5.0 10#0 05*2%$' -%! 0-20 $,0 $0#4 R 2 !!0.0S 2%40 $;0 #0.%#505 %+ 40%-'-.0E2!*+'70!8 %-05*2%$' -%! 0+$%;!'+,40-$,0 6 *-5%$' - 6 2 !!0.0+5'5 - $ 20%+0 %$ $,0 06 #4%$' - *$ $,0-206 #1%#5 2 !!0.0+ 10#0 1'$,$,0 +'-.!0 0E20:$' - 6 0+$4'-+$0# !!0.'%$0 ,*#2,1,'2,4%'-$%'-05 1,%$ 6 # $,#00 20-$*#'0+ 1%+ $,0 2,'06 +2, ! 6 -5 - 5 %-5 6 # % 20-$*#8 $,0 2,'06 +2, ! '- .!%-5 + !0!8 05*2%$' -%! 51%#5 50+'.-05 .#0%$!%1 2 !!0.0+ %$ E6 #5 %-5 %4;#'5.0 1,'2,' -070# 2%40'-$ 0E'+$0-20 #'7%$0 ;0-06%2$ #+ 10#0 4 #0 +*220++6*!' $ E6 #5 '# , 4%+ :0 2#0%$05 #'-'$8 !!0.0 '- >QQM '- 1,%$,%5 ;00-*#,%4 !!0.0 $,0 E6 #5 !9 !0.0 6 # 0'.,$ +$*50-$ 4 -3+ 6# 4 *#,%4 '# , 4%+ ,'$0 %+*220++6*! 40#2,%-$ $%'! # 6 *-505 $ (,-+ !!0.0 '- >QQ '- $,0 50+0#$05 2 !!0.0 6 $,0 '+$0#2'%-+ 6$0# +070#%! 6*$'!0 %$$04:$+ ! *20+$0# !!0.0 $,0 2 !!0.0 6 $,0 + *$,0#- 0-05'2$'-0 4 -3+ %$ E6 #5 1,'2,',%5 +*-3 '-$ %- *-0-5 105 ,%!! #0%:0%#05 %+ #20+$0# !!0.0 '- >L>M %5,%4 !!0.0 1%+ 6 *-505 '- >O>N %;09 !%$05 '4'$%$' - 6 $,0 !5 2 !!0.0+;8 '2, !%+ %5,%4 %-5 ,'+ 1'60 1,'!0 # %5.%$0+ %!! %- %-2'0-$, *+0 6 +2, !%#+ ;! ++ 405 '-$ 04;# 30 !!0.0 '- >ONM $,# *.,$,0 066 #$+ 6 $,0 *-'2':%!' #: #%$' - 6 ;'-.5 - + !'2'$ *+$ 6'-5%:!%20 6 ,'.,0# 05*2%$' -6 # $,0 +2, !%#+ 6 ;'-.5 - #%44%# 2, ! $ %4;#'5.0 $,0 *#'$%-, %-20!! # 6 $,0 E2,0U*0#1, ,%5'6'#+$;$%'-05 :#060#40-$ %+ 2,%-20!! # 6 $,0 2 *#$ 2#0%$05 $ 50%!' 1'$, $,0 2 -6'+2%$05 4 -%+$0#'0+ %-5 2 !!0.0+ '# %!$0# !54%8 6 *-505 44%-*0! !!0.0 '-> Q)M %-5 '5-08 !!0.0 1%+6 *-505 ;8 %58 '5-08 *-$0++ 6 *++0E '-> QPO +*220++6*!+$# !!'-.:!%80#%-5%2$ #?4%-%.0# 51%#5 !!08-&<% %*6 6 *-505 % #%$,0# :'-2,9 ;023'4'$%$' - 6 '-2,0+$0# %-5 $ -2 !!0.0+ %$ *!1'2,-0%# -5 -2%!!05 $,0 \!! !!05.0 6 5+ *'6$ S '-> 0>P 6 # % 4%+$0# 1%#50- %-5 M 60!! 1+ 1 4 -0 1%+:#0%2,0#'$,0 +02 -5 +2, !4%+$0# $,0 $,'#5 *+,0# 6 $,0 +2, !'%-5$,0 6 *#$,#.%-'+$ # -.2, !9 4%+$0# 1'$,>N : # +2, !%#+ *$ %+ $,0 6 *-50# 4%##'05%8 *-.'1'60 ;06 #0 ,0 ,%5'6*!!8 0-5 105$,0 2 !!0.0$,0 6 *-5%$' -'!'-.0#05 '-%+04'?4 #';*-5 2 -5'$' -6 # $,#00 20-$*#'0+ *-$'! $,0 .# 1$, 6 -5 -4%50 '$;! ++ 4 '-$ -0 6 $,0 10%!$,'0+$ 6 +2, !6 *-5%$' -+ '-$,0 +02 -5 ,%!6 6 $,0 -'-0$00-$,20-$*#8 !'70# # 410!! #5 # 02 # 6'$,0 44 -9 10%!$, 6 -.!%-56 *-505 *$ 6'$,0#070-*0+ 6 $,0 5'+0+$%;!'+,05 0%-' %-5 ,%:$0# %-'70#+'$8 !!0.0 %$ *#,%4 &<% %# ;8 !0$$0#+ :%$0-$ 6 %8 >OQL -' #5'-%-20 .'7'-.' '$: 10# $.#%-$ 50.#00+ %+ % *-'70#+'$8 1%+ 5#%%$05 '-' >OQP *$ $,0 0+$ #%$' -2%40 ;06 #0 '$ 1%+:%++05 %-5 '-' >OOK $,0 2 !!0.0 20%+05 $;0 %-5$,0 ,%:$0# 1%+#0+$ #05 $,0# 2 !!0.0+00 4+$ ',%70 ;00-6 *-505 '- -.!%-56 # % :0#' 5 6 -0%#!8 $1 20-9 $*#'0+6# 4$,0 #0'.- 6 (%40+ $ $,0 80%# >)KK ,0-%2 -$'-.0-$;0U*0+$'-506%*!$ 6 ,0'#+ 4%50 -0%#!8 % 20-$*#8 ;06 #0 6 $,0 4%-6# 4$1, 4 1-'-.' $#00$ $%30+ '$+ -%40 1%+ 4%50 066 02$'70 ;8 $,0 *#$ 6 ,%-20#8 '-$,0 2#0%$' - 6 1-'-.' !!0.0 %$ %4;#'5.0 $ 1%+ -0%#!8 ,%!6 % 20-$*#8 4 #0 ;06 #0 % -01 2# : 6 2 !!0.0+;0.%-$ %#'+0 - $ %+ *-'7"0#+'$8 2 !!0.0+;*$ +2, ! 2 !9 !0.0+ ,0+0 :*#: #$05 $;0 %$0# $,0 6%+,' 6 '-2,0+$0# %-5 $ -;*$ 6 # $,0 4 +$:%#$; #0 - #0+04;!%-20 $ $,04 0E20:$ '- -%40 %-5 $,0 6%2$ $,%$ $,08 10#0 +02 -5%#8 +2, !+ 2%$0#'-.' 6 # $,0 #'2,0# 2!%++0+ ,0 6'#+$ 6 $,04 1%+ ,0!$0-,%4 !!0.0 1,'2, ,%5 -0 6 $,0 2,%#%2$0#'+$'2+ 6 % 2 !!0.0 $ 1%+ - $ '-'%-8 +0-+0 %2#: #%$' -< '$, - 2#: #%$0 :# :0#$8 %-5 '$+ 404;0#+ 10#0 - $ 2 :$%$'70 $ 1%+ 40#0!8 %:#'7%$0 %59 70-$*#0 +2, !#*-;8 % -*4;0# 6 $,0 !5 -.!?-5'%-2'7'! +0#7%-$+ %-5 4'!'$%#8 40-1, 6! 2305 $,0!$0-,%4 6 # '$+ 1%$0#+ %-5 '$+ 2,0%:-0++ ,08 2 4;'-05 '->)MK $,'#0 !%-5 %-5 ;*'!5'-.+ %-5 %,0%54%+$0# ,'+ +2, ! 2%$0#05 %$ 6'#+$ 0-$'#0!8 %+ '$ +$'!! 5 0+ !%#.0!8 6 # 5%8 ;8+ *$ '$ 1%+ #*-' R :*;!'2 +2, !'!-0+S %-5 1%+ +*220++6*! ' >)PM ;8 ;0'-.' '-2 #: #%$05 ;8 2$ 6

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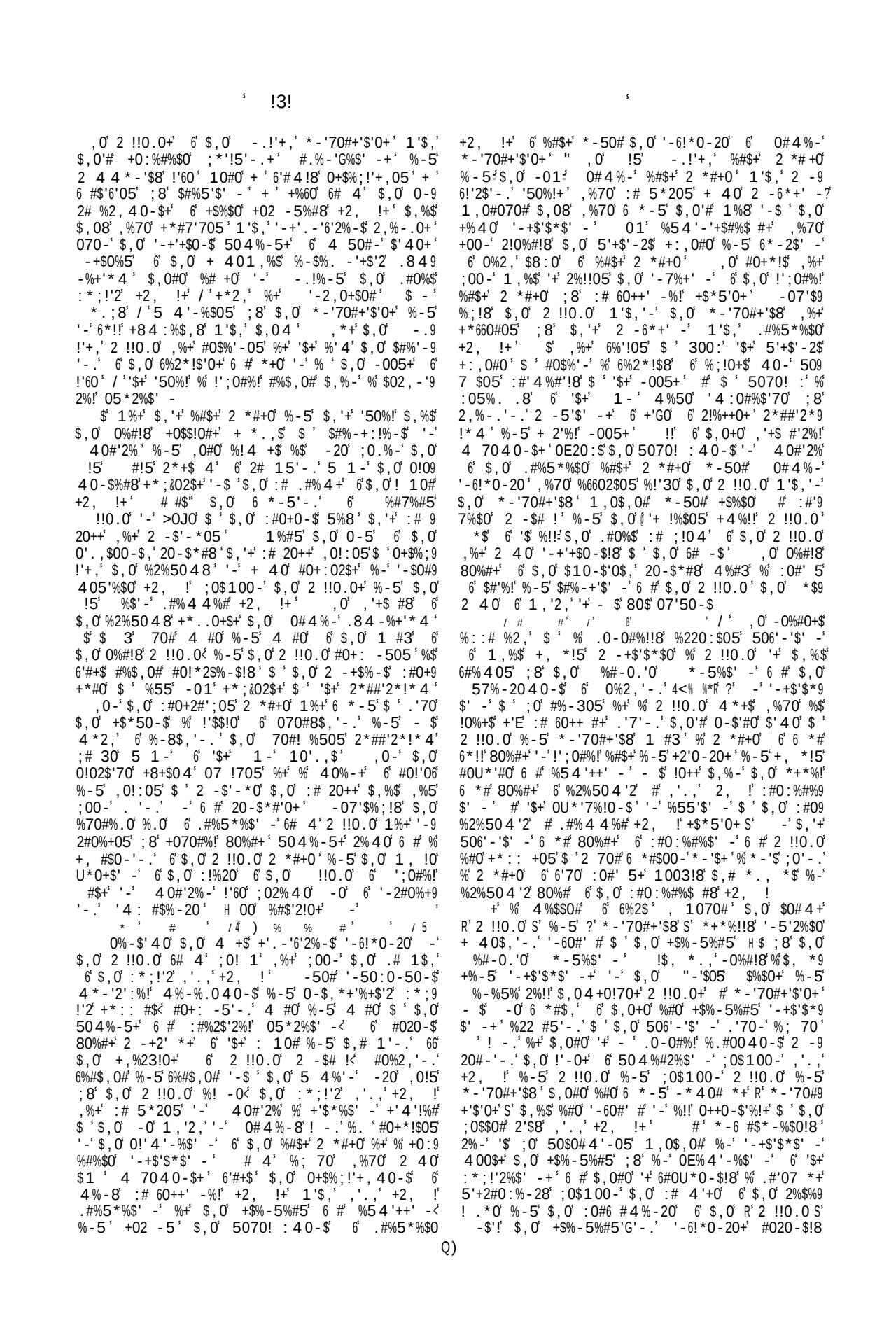
%#!'%40-$ʼ '$ʼ ;02%40ʻ %-ʼ 0-5 105ʼ+2, !ʼ 1'$,ʼ %-ʼ'-2 #: #%$05ʼ. 70#-'-.ʼ; 58ʼ%-5ʼ+ ʼ$ʼ$,%$ʼ 0E$0-$ʼ %ʼ 2 !!0.0ʻ '-ʼ$,0ʻ :# :0## +0-+0ʻ %#!9 ; # *.,ʼ !!0.0ʼ +$%#$05ʼ'-ʼ>)MJʼ 1%+ʼ 6ʻ$,0ʻ +%40ʻ 3'-5ʼ 0E20:$ʼ$,%$ʼ$,0ʻ :0 :!0ʻ 1, ʼ+*;9 +2#';05ʼ$ʼ '$ʼ 10#0ʻ 5#%1-ʼ6# 4ʼ%!!ʼ 70# -.9 !%-5ʼ %-5ʼ2 -+'+$05ʼ2,'06!8ʼ 6ʻ2!0#.8ʻ%-5ʼ2!0#'9 2%!!8?4'-505ʼ!%840-ʼ!%#.0!8ʼ!%180#+ʼ'-+$0%5ʼ 6ʻ4'!'$%#8ʻ40-ʼ $ʼ%'405ʼ%$ʼ ;0'-.ʼ% 2,0%:ʼ *.;8ʼ%ʼ; %#5'-.ʼ+0, !ʼ6#%!10# 4'55!0ʻ 2!%++ʼ $ʼ 0$0#▯+ʼ !!0.0ʼ %5!08ʼ'-ʼ 0#39 +,'#0ʼ+40ʻ6'70ʻ 4'!0+ʼ6# 4ʼ E6#5ʼ1%+ʼ%ʼ #0%!ʼ+2, !ʼ2!!0.0ʼ6*-505ʼ1'$,ʼ%5005ʼ%-5ʼ %2 50ʻ 6ʻ+$%$*$0+ʼ;8ʼ '!!'%4ʼ 010!!ʼ% 8309 ,%4'+$ʼ,'4+0!6ʼ -ʼ$,0ʻ4 50!ʼ 6ʻ 830,%4▯+ʼ 6*-5%$'-ʼ%+ʼ 4 5'6'05ʼ;8ʼ $,0#,%4ʼ$,0ʻ 1%#50-ʼ;0'-.ʼ$,0ʻ,0%54%+$0#ʼ%-5ʼ$,0ʻ%++'+$9 %-$ʼ 4%+$0#+ʼ$,0ʻ60!! 1+ʼ1, ʼ!'705ʼ%-5ʼ%2$05ʼ $.0$,0#ʼ%+ʼ% ; 58ʼ2#: #%$0ʼ$, *.,ʼ:0#9 4%-0-$ʼ 0-5 140-$ʼ%-5ʼ!0.%!ʼ'-2#: #%$'-ʼ 5'5ʼ-$ʼ2 40ʻ$'!!ʼ>)O>ʼ $ʼ-5#01▯+ʼ !!0.0ʼ #%56'0!5ʼ6*-505ʼ;8ʼ$,0ʻ#02$#%-5ʼ 1-0# 6ʻ#%56'0!5ʼ-0%# 0%5'-.ʼ1%+ʼ6*-505ʼ'-ʼ >)QKʼ-ʼ%+'4'!%# 4 50!ʼ1'$,ʼ$,0ʻ6*-50#%+ʼ 1%#50-ʼ%-5ʼ$,0ʻ4%+$0#+ʼ,'+ʼ%:: '-$00+ʻ;*$ʼ '$ʼ5'5ʼ-$ʼ ;$%'-ʼ%#8%!ʼ2,%#$0#ʼ%-5ʼ'-2#9 :#%$'-ʼ$'!!ʼ>)ONʼ 0!!'-.$-ʼ !!0.0ʼ%!+ʼ '-ʼ 0#3+,'#0ʼ6*-505ʼ;8ʼ+*;+2#':$'-ʼ'-ʼ, -# 6ʻ$,0ʻ *30ʻ 6ʻ 0!!'-.$-ʼ'-ʼ>)QPʼ!'30ʻ !'69 $-ʼ !!0.0ʻ'-ʼ>)OKʼ %!70#-ʼ !!0.0ʻ'-ʼ>)ONʼ %-5ʼ %'!08;*#.ʼ !!0.0ʻ'-ʼ>)OMʼ%!!ʼ#%-3'-.ʼ %4 -.ʼ$,0ʻR ʼ#0%$ *;!'2ʼ 2, !+ʼS'ʼ6ʻ -.9 !%-5ʼ6!! 105ʼ'-ʼU*'23ʼ+*220++'-ʼ '-20ʻ $,0-ʼ+?2%!!05ʼ2!!0.0+ʼ 1,'2,'%#0ʻ 40#0!8ʼ +2, !+ʼ%-5ʼ6$0-ʼ40#0!8ʼ:#'7%$0ʻ+2, !+ʼ+*2,ʼ %+ʼ #'.,$-ʼ%-5ʼ %+$;*#-0ʻ2!!0.0+ʼ,%70ʻ ;00-ʼ%-5ʼ%#0ʻ;0'-.ʼ6*-505ʼ'-ʼ070#8ʼ80%# $,%$ʼ:%++0+ʼ -ʼ>)LKʼ 0;!0ʼ%-5ʼ'-ʼ>)LMʼ 0#$9 6#5ʼ !!0.0+ʼ10#0ʻ6*-505ʼ%$ʼ E6#5ʼ%-5ʼ'-ʼ >))Nʼ 0!18-ʼ !!0.0ʻ%$ʼ %4;#'5.0ʼ;*$ʼ$,'+ʼ '+ʼ-$ʼ#02 .-'G05ʼ%+ʼ%2!!0.0ʼ6ʻ$,0ʻ*-'70#+'$8 $ʼ$,0ʻ+%40ʻ$'40ʻ+?2%!!05ʼ2!!0.0+ʼ-$ʼ 6ʻ$,0ʻ+0, !;*$ʼ6ʻ$,0ʻ*-'70#+'$8ʼ$8:0ʼ,%70ʻ ;00-ʼ6*-505ʼ%!!ʼ 70#$,0ʻ2*-$#8ʼ;0.'--'-.ʼ 1'$,ʼ-'70#+'$8ʼ !!0.0ʻ%-5ʼ'-.▯+ʼ !!0.0ʼ-9 5-ʼ'-ʼ>)N)ʼ 10-+ʼ !!0.0ʻ%$ʼ %-2,0+$0#ʼ -1ʼ$,0ʻ-'70#+'$8ʼ6ʻ%-2,0+$0#ʼ'-ʼ>)Q>ʼ %+-▯+ʼ !!0.0ʻ'-ʼ'#4'-.,%4ʼ-'70#+'$8ʼ6*-505ʼ'-ʼ >PKKʼ%-5ʼ4%-8ʼ4 #0ʼ ,0ʻ$0#4ʼ,%+ʼ;00-ʼ0E9 $0-505ʼ%-5ʼ4%50ʻ2 44 -ʼ'-ʼ$,0ʻ+?2%!!05ʼ#%'-9 '-.ʼ !!0.0ʻ6#!040-$%#8ʼ2, !ʼ0%2,0#+ʼ ;*'!$ʼ;8ʼ.70#-40-$ʼ%'5ʼ;#%52%+$ʼ 1ʼ%-8ʼ :#'7%$0ʻ'-5'7'5*%!ʼ+0$+ʼ*:ʼ%:#'7%$0ʻ%570-$*#0ʻ +2, !ʼ,0#0ʻ$?5%8ʼ%-5ʼ.-0ʻ$?4 ## 1ʼ%-5ʼ%-8ʼ $1-ʼ #2*-$8ʼ2*-2'!ʼ+0$+ʼ*:ʼ%$02,-'2%!ʼ +2, !ʼ:%'5ʼ6#*$ʼ6ʻ$,0ʻ#%$0+ʼ%-5ʼ5*;+ʼ '$ʼ%2!!0.0ʼ+ʼ$,%$ʼ$,0ʻ$0#4ʼ$,#0%$0-+ʼ$ʼ ;02 40ʻ%:#0$0-$'*+ʼ-%40ʻ6#%+02-5%#8ʼ +2, !ʼ1'$,ʼ%+02-5%#8ʼ2--$%$'-ʼ6ʻ% :!%20ʻ 6ʻR'*-'70#+'$8ʼS'#$02,-'2%!ʼ05*2%$'-ʼ 6#$,+0ʻ 70#>O80%#+ʼ6ʻ%.0ʼ ʼ ʼ

) ʼ ʼ ʼF ʻ) # % ʻ 3# ʻ #ʻ/ʼ ,0ʻ#'.'-ʼ6ʻ$,0ʻ 40#'2%-

2 !!0.0ʻ%+ʼ$,0ʻ -0ʻ5'+$'-2$'70!8ʼ 40#'2%-ʼ05*9 2%$'-%!ʼ$8:0ʻ%-5ʼ$,0ʻ2 4:!0E ;#;!04+ʼ$,%$ʼ 2-6#-$ʼ$,%$ʼ '-+$'$*$'-ʼ$?5%8ʼ2%-- $ʼ;0ʻ *-50#+$ 5ʼ%:%#$ʼ6# 4ʼ$,0ʻ#,'+$#'2%!ʼ+0$$'-.ʼ '$,ʼ$,0ʻ0-%'++%-20ʻ'-ʼ *#:0ʻ'-ʼ$,0ʻ0!070-$,ʼ 20-$*#8ʼ2%40ʻ$,0ʻ*-'70#+'$8ʼ1'$,ʼ'$+ʼ6*#50% :%#$40-$+ʼ$,0ʻ%#$+ʼ2*#+0ʻ%-5ʼ$,0ʻ:#60++'-%!ʼ +2, !+ʼ6!%1ʼ405'2'-0ʼ%-5ʼ$,0!.8ʼ,0ʻ %#$+ʼ2*#+0ʻ6 1,'2,ʼ$,0ʻ40#'2%-ʼ2!!0.0ʻ'+ʼ $,0ʻ!'-0%!ʼ50+20-5%-$ʼ1%+ʼ070#81,0#0ʻ#0.%#505ʼ %+ʼ:#0:%#%$ #8ʼ$ʼ:#60++'-%!ʼ+$*5'0+ʼ $+ʼ :*#:+0ʻ1%+ʼ$ʼ!%8ʼ%;#%5ʼ%-5ʼ.0-0#%!ʼ6*-9 5%$'-ʼ6#$,0ʻ+:02'%!'G05ʼ+$*5'0+ʼ6ʻ$,0ʻ,'.,0# 6%2*!$'0+ʼ $ʼ!-.ʼ%6$0#ʼ$,0ʻ2!+0ʻ6ʻ$,0ʻ '55!0ʻ .0+ʼ%45'6'2%$'-ʼ6ʻ$,0ʻ%#$+ʼ2*#+0ʻ ;0.%-ʼ1,'2,ʼ,%+ʼ2-$'-*05ʼ$ʼ$,0ʻ:#0+0-$5%8ʼ ,0ʻ0!040-$%#8ʼ+$*5'0+ʼ10#0ʻ.#%5*%!!8ʼ2#1505ʼ 51-ʼ'-$ʼ$,0ʻ:#.#%4+ʼ6ʻ:#0:%#%$ #8ʼ'-+$'9 $*$'-+ʼ%-5ʼ4#0ʻ%57%-205ʼ+$*5'0+ʼ$ 3ʼ$,0'# :!%20+ʼ ,0ʻ$#'7'*4ʼ/ʼ.#%44%#ʼ#,0$ #'2'%-5ʼ 5'%!02$'2ʼ/ʼ1,'2,ʼ%$ʼ6'#+$!05'$ʼ$,0ʻ 50.#00ʼ 1%+ʼ!'$$!0ʻ;8ʼ!'$$!0ʻ#0!0.%$05ʼ$$6%-01ʼ$8:0ʻ 6ʻ+2, !ʼ1,'2,ʼ5070!:05ʼ$ʼ:#0:%#0ʻ+$*50-$+ʼ 6#$,0ʻ%#$+ʼ2*#+0ʻ *$ʼ070-ʼ%6$0#ʼ$,0ʻ 0-9 %'++%-20ʻ%-5ʼ$,0ʻ 06#4%$'-ʼ,%5ʼ$,*+ʼ%69 602$05ʼ$,0ʻ$#'7'*4ʼ$,0ʻ%#$+ʼ2*#+0ʻ#0$%'-05ʼ '$+ʼ5'+$'-2$ʼ#0!%$'-+,':ʼ$ʼ$,0ʻ:#60++'-%!ʼ +2, !+ʼ ,0ʻ 0-%'++%-20ʼ1'$,ʼ$,0ʻ'50%!ʼ6ʻ 2*!$*#0ʻ6#'$+ʼ1-ʼ+%30ʼ!06$%!%+$'-.ʼ,*4%-9 '+$'2ʼ'4:#0++'-ʼ-ʼ$,0ʻ!5ʼ%#$+ʼ2*#+0ʻ ,0ʻ 1'50#7'+'-ʼ6ʻ$,0ʻ-01ʼ!0%#-'-.ʼ#0.%#505ʼ$,0ʻ 2!!0.0ʻ2*#+0ʻ-ʼ!-.0#%+ʼ%ʼ40#0ʻ:#0:%#%9 $'-ʼ6#$,0ʻ+$*58ʻ6ʻ$,#00ʻ$#%5'$'-%!ʼ:#9 60++'-+ʼ;*$ʼ#%$,0#%+ʼ%!';0#%!ʼ$#%'-'-.ʼ!0%59 '-.ʼ5'#02$!8ʼ$ʼ066O2$'70ʻ:%#$'2':%$'-ʼ'-ʼ+2 #0+ʼ 6ʻ-01ʼ%2$'7'$'0+ '$,ʼ$,0ʻ 06#4%$'-ʼ'-ʼ 0#4%-8ʻ2%40ʻ 2,%-.0+ʼ1,'2,ʼ!05ʼ$ʼ%-01ʼ$8:0ʻ6ʻ*-'70#+'$8ʻ %-5ʼ070-$*%!!8ʼ$ʼ%+2, !+8+$04ʼ1'$,ʼ -ʼ'-$0#405'%$0ʻ'-+$'$*$'-ʼ:%#%!!0!ʼ$ʼ$,0ʻ 0%#!8ʼ%#$+ʼ2*#+0ʻ-ʼ$'40ʻ$,0ʻ2!!0.0ʻ1'$,ʼ '$+ʼ5#4'$#8ʼ+8+$04ʼ%-5ʼ+02!*505ʼ!'60ʻ5'+9 %:: 0%#05ʼ%-5ʼ'-ʼ$,0ʻ2440#2'%!ʼ$1-+ʼ6ʻ 0#4%-8ʼ$,0ʻ450#-ʼ$8:0ʻ6ʻ*-'70#+'$8ʼ509 70!:05ʼ $ʼ$,0ʻ+%40ʻ$'40ʻ+070#%!ʼ-01ʼ$8:0+ʼ 6ʻ:#0:%#%$ #8ʼ+2, !+ʼ10#0ʻ6*-505ʼ1,'2,ʼ .#%5*%!!8ʼ5070!:05ʼ'-$ʼ$,0ʻ450#-ʼ.849 -%+'*4+ʼ1'$,ʼ2*#+0+ʼ!0%5'-.ʼ5'#02$!8ʼ$ʼ$,0ʻ *-'70#+'$'0+ʼ ,'+ʼ1%+ʼ-$ʼ,1070#ʼ1'$,9 *$ʼ:0#'5+ʼ6ʻ$#%-+'$'-ʼ2,%#%2$0#'+$'2ʼ6ʻ $,0ʻ#'.'-+ʼ6ʻ+2, !+ʼ'-ʼ%!!ʼ2*-$#'0+ʼ ,0ʻ -01ʼ$8:0ʻ6ʻ:#0:%#%$ #8ʼ+2, !ʼ05.05ʼ'$+ʼ1%8ʼ '-ʼ;0$100-ʼ$,0ʻ!5ʼ.#%44%#+2, !ʼ%-5ʼ$,0ʻ %#$+ʼ2*#+0ʻ 70#!%:'-.ʼ'-ʼ; $,ʼ5'#02$'-+ʼ 6$0#%!ʼ-.ʼ:0#'5ʼ5*#'-.ʼ1,'2,ʼ$,0ʻ6'0!5+ʼ 6ʻ$,0ʻ+070#%!ʼ$8:0+ʼ6ʻ'-+$'$*$'-+ʼ10#0ʻ;*$ 7%.*0!8ʼ506'-05ʼ%!'-0ʻ1%+ʼ5#%1-'-ʼ'-ʼ$,0ʻ-'-09 $00-$,'20-$*#8ʼ;0$100-ʼ$,0ʻ!5ʼ.#%4%#+2, !ʼ%-5ʼ$,0ʻ *-'70#+'$8ʼ!0%7'-.ʼ$ʼ$,0ʻ6#40#7'#$*%!!8ʼ $,0ʻ0-$'#0ʻ%#$+ʼ2*#+0ʻ6ʻ$,0ʻ0%#!8ʼ*-'70#+'$'0+ʼ ,*+ʼ$,0ʻ 0#4%-'*-'70#+'$8ʼ%;%-5 -05ʼ$,0ʻ !5ʼ'50%!ʼ6ʻ!';0#%!ʼ05*2%$'-ʼ%-5ʼ.0-0#%!ʼ 40-$%!ʼ5'+2':!'-0ʻ'-ʼ6%7#6ʻ+:02'%!'G05ʼ$02,9 -'2%!ʼ$#%'-'-.ʼ ,0ʻ 06#4%$'-ʼ'-ʼ -.!%-5ʼ ,%5ʼ-ʼ+*2,ʼ066O2$ʼ-ʼ-.!'+,ʼ,'.,0#+2, !+



;0.*-' ,%70' ,%5' 6*#$,0# $'#''0' 6 'T 4 :!'6$'-.' %-5' 0!'4'-%$' -'%4 -.''-+$'$*$' -+'%+:'#'-.'$ '#% !2 %+' 2 !!0.0+'$,0' 4 +$'$#*+$1 #$,8' !'+$+' %#0'$, +0' %:'# 705' ;8' $,0' 0-0#%!' 5*2%$' -' %#5' <% %* %-5' $,0' %#-0.'0' *-5%$' -' 6 #' $,0' 57%-2040-$' 6' 0%2,'-.

- * '% ' o # ' /'H 0$%'!05' %29 2 *-$+' 6' $,0' 5070! :40-$' 6' $,0' 4 #0' '49 : #$%-$' 2 !!0.0+' %#0' .'70-'*-50# 0%2,' +0:%#%$0' $'$!0' % % %#7%#5' %!0' 0$2 F' 4 -.' $,0' N> KKK' :0#+ -+'1, '2%40'$' 01' -.!%-5'6# 4' >ONK' $' >OMK' /'$,0' 5%$0' 6' $,0' %++04;!'-.' 6' $,0' -.' %#!'%40-$'/'10#0' %; *$' >KK' .#%5*%$0+' 6' %4;#'5.0' %-5' E6 #5' ,'+' :# :#$' -' 6' -0' .#%5*%$0' $' %; *$' NKK' 6' :'*!%$' -' 1%+' %+' !%#.0' %+' :#07%'!05' '-' %-8' 2 *-$#8' '-' $,0' +070-$00-$,' 20-$*#8' ,0+0' 40-';# *.,$' 1'$,'$,04'+*2,'2 !!0.0'+$%-5%#5+' %-5' 40$, 5+' %+' $,08' ,%5' 3- 1-' %#7%#5' !!0.0' % %*6 *-505''-'>OJO'1,'2,'6#' 4 #0' $,%-'6'6$8' 80%#+' #04%'-05'$,0' -!8' 2 !!0.0''-' 40#'2%' 1%+'!%#.0!8'$,0':# 5*2$' 6' 44%-*0!' !!0.0' %4;#'5.0' 44%-*0!'1%+'% *#'$%-' 6 *-5%$' -' 4%50' ;8 '#' %!$0#' !54%8' '-' >Q)M' $'+'$!5'$,%$' '# %!$0#' 1,' 1%+'$,0' 2,%-20!! #' 6'$,0'0E2,0U*0#' 6']*00-' !'G%;0$,' 1%+' %+305' ;8' $,0' .#0%$']*00-' #0.%#5'-.',+' !%8'-.' 6' $,0' *#'$%-'6 *-5%$' -' 0' '+' +%'5' $',%70' #0:!'05< R' %#;0''$'6# 4' 40'$'2 *-9 $0-%-20' %-8$,'-.'2 -$#%#8'$'8 *#0+$%;!'+,05' 5%1+';*$' H%+'50',0' %5505F' ',%70'+0$'%-'%2 #-' 1,'2,' 1,0-''$' ;02 40+'%-' %3' 5' %! -0' 3- 1+' 1,%$' 1'!!' ;0'$,0'6#*'$'$,0#0 6 S' # 4' $,0' %2 #-'$,*+' :!%-$05'+:#%-.'$,0'6'#+$' 2 !!0.0' 6' 40#'2%' %-5' + ''-'% 50.#00' 4%-8' $,0#' 2 !!0.0+''-'$,0'6 !! 1'-.'.0-0#%$' -+ (,-' $$ -', 4%+',0:%#5'%-5', 4%+' 30#';*'!50#+' 6' $,0' 0%#!8' %++%2,*+0$$+' 44 -10%!$,' 10#0'.#%5*%$0+' 6' %4;#'5.0' %-5' 6' 44%-*0!' # 4' %.5%!0-0' %49 ;#'5.0' 2%40'$,0'6'#+$' :#0+'50-$' 6' %#7%#5' !!0.0' 0-#8' *-+$0#' &<% %*X' 6# 4' #'-'$8' ,%#!0+',%*-28' H.6F'$,0'+02 -5':#0+'50-$<' 6# 4' 0$0#,' *+0'2%40'(,-' #$ -''$,0'-$0#9 :#0$0#' 6' $,0' 5 2$#'-0' %-5' 5'+2':!'-0' 6' $,0' ,*#2,< 6# 4' #'-'$8'%!+'2%40'$,0'!0%50#' 6' $,0' %8' 2 !-8'(,-' '-$,#:< 6# 4' (0+*+' 2%40'$,0'%:+$!0'$'$,0' -5'%-+'(,-' !'$ H.8F< 6# 4' 44%-*0!'2%40'%; 70'%!' $,0#+' (,-' %#7%#5' &<% %*6 1,''$,#*.,','+' ;3+' %-5' %.'6$' 6',%!6' 6','+'0+$%$0'$,*.,'+4%!!' ;02%40'$,0'6*-50#''-'%:02*!'%#+0-+0' 6' $,0' 2 !!0.0''-'$,0'-01' %4;#'5.0' $' 4%8' ;0' %5505'$,%$' $,0' !%#.0#-*4;0#' 6' 2 !!0.0?;#05' 40-' 6' $,0' 01' -.!%-5'2 !-'0+' 10#0'6*-5' '-' %++%2,*+0$$+' %8' 6' $,0' >KK' + *!+' 1,' 2%40' 70#'-'$,0' !/ $ '-' $' -0',%5'#020'705' %'2 !!0.0'50.#00' !50# #01+$0#' 1%+'$,0' -!8' !';0#%!!8' 05*2%$05' 4%-'-' $,0' 2 4:%-8' ;*$' ,'+' 05*2%$' -',%5' - $'2 70#05'$,0'6*!!' *-'70#9 +'$8' :0#' 5' ,0' #0!%$' -';0$100-'$,0' !5' %4;#'5.0'%-5'$,0',.,0# 05*2%$' -''-' 40#9 '2%'$,0#06 #0''+'% #0!%$' -' 506'-'$0'7'$%!'%-5' 6 #' 4%-8' 80%#+' 5 4'-%-$!$, *.,' +070-$00-' 80%#+' ;06 #0' %#7%#5 !!0.0' 1%+' 0+$%;!'+,05' 0-50%7 #+' ,%5' ;00-' 4%50'$'6 *-5'% 2 !!0.0''-' '#.'-'%''$' 1%+' -$ *-$'!' >OPJ' $,%$' %:0#4%-0-$' 2,%#$0#' 1%+' ;9 $%'-05' 70-'$,0-''$ 1%+' -$' ;$%'-05' 1'$,9 *$ :: +'$' -' ,0-' #' (%40+' !%'#' % 2 $$'+,' :'+2 :%!'2!0#.84%-'$,0'6 *-50#' 6'$,0' 2 !!0.0'10-$$' $$ #-08? 0-0#%!' 084 *#1'$,' $,0' # 8%!' 2 44%-5'$' :#0:%#0' %' 2,%#$0#' ,0' 1%+'40$;8'#04 -+$#%-20+'%.%'-+$'$,0'0E:0-+'70' !';0#%!'$8' 084 *# 502!%#'-.',0'+%1'-' 22%9 +'-'6 #'%2 !!0.0''-' '#.'-'%' #' !%'#'#0:!'05' $,%$'4'-'+$0#+' 6'$,0'2,*#2,'10#0'-00505'$,0#0' %+' $,0':0 :!0' 6' '#.'-'%',%5' + *!+' %+' 10!!' %+' $, +0' 6' -.!%-5'%-5'$,%$'%2 !!0.0'1%+'-020+# +%#8' $' 05*2%$0' $,04' ?' *!+B' J' 0E2!%'405' 084 *#'-' #0:!8' ?' 5%4-' $,0'#+ *!+B' 0$' $,04' 4%30' ;%22 S' *$' $,0' 2,%#$0#' 1%+' + -'.#%-$05'%-5'$,0'2 !!0.0'0-$0#05' *: -'% 2%#00#' 6':# +:0#'$8'1,'2,'1'$,'20#$%'-'!%:+0+' '$'0-& 805'5 1-'$''$,0' 07 !*$' -%#8' %# ,0'6 *-5%$' -' 6' %!0' !!0.0'4<% %*'-'$,0' 6'#+$' 80%#' 6' $,0'0'.,$00-$,' 20-$*#8' 1%+'!'309 1'+0' $,0' #0+*!$ 6' %!-.?2 -$'-*05' 0-50%7 #' +'0%#!8'%+' >OM)' $0-'80%#+'%6$0#' $,0';0.'--'-.' 6' $,0' 01' %70-'2!-8'+$0:+'1,'2,':# 705' $' ;0' '-06602$'70' 10#0' $%30-'6#' $,0' +$%#$'-.' 6' %2;!!0.0' #0' $,%-'6'6$8' 80%#+' 0!%:+05' ;06 #0' $,0' %2$*%!'6 *-5%$' -' 1%+' 4%50' -' $,0'6'#+$' 80%#' 6' $,0'0'.,$00-$,'20-$*#8'%'6010' 4'-'+$0#+' 6' $,0'2 !-8':0$'$' -05' $,0'%*$,' #'9 $'0+'6#' %2,%#$0#' %-5'%!+' 0-.%.05'$' .'70' $,0'#' 1-'; 3+'6#' '$+' 0-5 140-$' ,0' 2,%#$0#' %+'.#%-$05''-5'2%$05'%50+'#0'$''*:, !5' %-5':#:%.%$0'$,0' ,#'+$'%-' #$0+$%-$'#0!'.'-' ;8'%+*220++'-' 6'!0%#-05'%-5' #$, 5 E'40-' $'%!+'0E:#0++05'$,0'1'+,'$,%$'$,0'8 *$,'4'.,$' ;0''-+$#*2$05''-'$,0'%#$+'%-5'+2'0-20+'%-5'4'.,$' $,# *.,'$,0';!0++'-'6 !4'.,$8' 5';0'6'$$05' 6 #'04:! 840-$';$,''-' ,*#2,'%-5' $%$0 !4 +$'6'6$8'80%#+':%++05'%6$0#'$,0'6 *-5%9 $'-'6' %!0';06 #0'$,0'0+$%;!'+,40-$'6'%-$,0# 2 !!0.0' -'>LMO' #'-20$ -''-'>LQM' !*4;'%' '-'>LQL' $,0' -'70#+'$8' 6' 0--+8!7%-'%' '-' >LOM' # 1-' -'70#+'$8' '-' >LOO' *$.0#+' '-' >LLK' %#$4 *$,' #0:#0+0-$' $,0' - ;!0' +*220+9 +' -' H 00'0%#$'2!0+' -'0%2,''-+$'$*$' -F ,0+0' +'E' 2 !!0.0+' $ .0$,0# 1'$,' %#7%#5' '!!'%4'%-5' %#8'%-5' %!0' 10#0'!%#.0!8'$,0' :# 5*2$' 6' $,0' ,*#2,' %#7%#5' !!0.0' 1%+' 6 *-505'2,'06!8'6 #' $,0':*#: +0' 6' 4%'-$%'-'-.' %2#005' %-5' 6 #' $,0' 05*2%$' -' 6' 4'-'+$0#+' 6'$+' LO' .#%5*%$0+';0$100-'>OMN'%-5'>OQO'%$' !0%+$' QP' ;02%40' 4'-'+$0#+ I' -5005' 6' %!' $,0' .#%5*%$0+' 5 1-'$''>LKK' 4 #0' $,%-',%!6' 10#0' 2!0#.840-'' +'4'!%#' :# :#$' -' :#07%'!05' %$' %!0'6 #'$+'6'#+$',%!6'20-$*#8' H 00') % % *' / ** #% ' * ! #' /5' ,0'2,'06%'4'6'$,0'6 *-50#+'%-5'0%#!8'6#'0-5+' 6' #'-20$ -'1%+'$'6*#-'+,'$,0' ,*#2,'%-5'0+:09 2'%!!8'$,0'# 1-';#%-2,'6''$'$,0' #0+;8$0#'%-' 1'$,'%;!0'4'-'+$0#+' ,0'# +02 -5%#8':*#: +0' 1%+'$'':# 7'50'%!';0#%!'05*2%$' -'6 #'%!' 2!%++0+' !*4;'%',%5'6 #' '$+'6'#+$'. 70#- #+' 4'-'+$0#+' 6'$,0' ,*#2,'6' -.!%-5'%-5'%!+' 6'$,0' #0+9 ;8$0#'%-' *$,0#%-' *$2,' 06 #405'%-5'$,0

#0-2,' # $0+$%-$' 2, *#2,0+< %-5' '$+' 6'#+$' 2!%++' 6'0'. ,$' +$*50-$+' 1%+' $%*. ,$' '-' $,0' 70+$#8' # 4' 6' $,0' +2, !, *+0' %$$%2,05' $ ' #'-'$8' ,*#2,' -' $,0' #.%-'G%$' -' 6' # 1-' -'70#+'$8' $,0' %:$'+$' ,*#2,' %-5' '-' $,0' #.%-'G%$' -' 6' *$.0#+' !!0.0' $,0' *$2,' 06 #405' 0E0#9 2'+05' %' 2 -$# !!'-.' '-6!*0-20' -' $,0' 2,%#$0#' 6' *$.0#+' '$' '+' %66'#405'$,%$' '$' 1%+' 6 *-505' 6 #' $,0' 05*2%$' -' 6' 8 *$,' '-' $,0' !0%#-05' !%-.*%.0+' !';0#%!' %#$+' %-5' +2'0-20+' %-5' 0+:02'%!!8' '-' 5'7'-9 '$8' :#0:%#'-.' $,04' 6 #' $,0' 4'-'+$#8' %-5' $,0# . 5' 66'20+' ,0' :!%-$'-.' 6' %#$4 *$,' 1%+' $,0' #0+*!$' 6' $,0' .#0%$' #0!'.' *+' %1%30-'-.' 6' $,0' 6'#+$' ,%!6' 6' $,0' 0'.,$00-$,' 20-$*#8 -' $,0' 0+$%;!'+,40-$' $,0#06 #0' 6' $,0' -'-0' 2 !!0.0+' :!%-$05' ;06 #0' $,0' *$;#0%3' 6' $,0' 07 !*$' -%#8' %#' -.!'+,' 2 -5'$' -+' :#09 7%'!05' ,0' 4 $'70+' $ ' 10#0' #0!'.' *+' # 022!0+'%+$'2%!' -' 4 +$' 2%+0+' $,0' 4 $'70+' 10#0' +02$%#'%-' ;*$' 1'$,' $,0' -%## 10# 4 $'70' 1%+' 4'-.!05' % !%#.0' ,*4%-' :*#: +0' 0!'.' -' 1%+' *+05' %+' % 40$, 5' 6 # $,0' ;0$$0#40-$' 6' 40-'%-5' R' 6 #' $,0' .! #8' 6' 5 S' %+' 10!!' %+' $ ' :# 4 $0' 50- 4'-%$' -%!' 0-!%#.040-$,0' 02!%#%$' -' 6' $,0' M$,' 6' (*!8' >LLO' 2 -$%'-05' '-$'4%$' -+' 6' *#' '-$0!!02$*%!' %-5' %2%504'2' 6#005 4' 6# 4' #0%$' #'$%'-' ' 6*-5%40-$%!' %-5' 7'$%!' 1%+' $,0' +0:%#%$' -' $,%$' $,0' +*..0+$' -' 1%+' 4%50' $ ' 0+$%;!'+,' % -01' !%-.*%.0' '-' $,0' :!%20' 6' $,0' -.!'+,' 2$+' 1,'2,' 4%50'$,0'2 ! -'0+' '-50:0-50-$' '-' : !'$'9 2%!' %-5' 2'7'!' %66%'#+' %!+' +0#705' $ ' 4%30' $,04' '-50:0-50-$' '-' %66%'#+' 05*2%$' -%!' -' $,'+' 2 -5'$' -' $,0' -'$05' $%$0+' $*#-05'6 #' %'5'%-5' 2 46 #$' $ ' $,0' $#%5'$' -%!' 0-048' 6' -.!%-5 / #%-20' #0-2,' 66'20#+' 2 44%-5'-.' #0-2,' %#4'0+' %-5' #0-2,' 6!00$+' 2 :0#%$05' 1'$,' $,0' 40#'2%-' 6 #20+' #0-2,40-' .0-$!040-' 6'+2, !%#+,':' %-5' 2*!$*#0' 7'+'$05' $,0' 2 *-$#8' 6 #' +2'0-$'6'2' !'$0#%#8' #' : !'$'2%!' :*#: +0+' ,0' 40#'2%-' 2%5048' 6' #$+' %-5' 2'0-20+' &<% %*6 '-2 #: #%$05' '-' %++%2,*+0$$+' '-' >L)K' :# : +05' $ ' .'70' '$+0!6' R' $,0' %'# 6' #%-20' #%$,0#' $,%-' 6' -.!%-5' %-5' $ ' 6 !! 1' $,0' 8%!' 2%5048'#%$,0#'$,%-'$,0' 8%!' 2'0$8 S' #0+'50-$' (,-' 5%4+'+%'5'$,%$' '$' 1%+' $,0' $%!3+' 1,'2,' ,0' ,%5' 1'$,' +2, !%#+' '-' %#'+' $,%$' .%70' ,'4' $,0' '50% a' $,0' 6 #4%$' -' 6' $,0' 2%5048' ,0' #0-2,' '-6!*0-20' 0E0#$05' *: -' $,0' .0-90#%!' 05*2%$' -%!' 2 -5'$' -' '+' '-5'2%$05' '-' 7%#'9 *+' 1%8+' -' >L)M' $,0' 2 #: #%$' -' 6' %#7%#5' !!0.0' #020'705' %-' 660# 6# 4' $,0' '-.' 6' #%-20' $ ' 6*#-'+,' ¤ ; $%-'2' .%#50-' 1,'2,' $,0' 2 !!0.0' 50+'#05' $ ' 0+$%;!'+,' 1'$,' 070#8' +:02'0+' 6' +005+' %-5' :!%-$+' 1,'2,' 4'.,$' ;0' #0U*'#05' 6# 4' ,'+' # 8%!' .%#50-' %$' ,'+' 1-' 0E:0-+0' $' $,0' +%40' $'40' $ ' %-' %$$04:$' 1%+' 4%50' $ ' 6 *-5' % #0-2,' 2%5048' 6' #$+' %-5' 2'0-20+' '-' 40#'2%' 1'$,' ,0%5U*%#$0#+' '-' '2,4 -5' $+' :# &02$ #']*0+-%8' 1%+' $,0' .#%-5+ -' 6' $,0' 6%4 *+' #0-2,' :,'! + :,0# %-5' 02 - 4'+$']*0+-%8' 1, ' 1%+' *#$' ,8+'2'%-' $ ' *'+' $,0' '6$00-$,' 0' 2%40' $ ' $,'+' 2 *-$#8' $ ' %'5' '-' $,0' 07 !*$' -' +0#79 '-.' %+' % 2%:$%'-' '-' '#.'-'% 6$0#.'7'-.' *:

4'!'$%#8' !'60' ;02%*+0' 6' '!!' ,0%!$,' ,0' $#%70!05' $,# *.,' $,0' 2 *-$#8' %-5' '-' $,0+0' $#%70!+' 2 -9 20'705' $,0' '50%' 6' '-$# 5*2'-.' #0-2,' %#$+' %-5' 2*!$*#0' ;0!'07'-.' %!+' $,%$' ,0' 2 *!5' 4*!$':!8' $,0' #0!%$' -+' *-'$'-.' #%-20' %-5' $,'+' 2 *-$#8' ,0' '-+$'$*$' -' 1%+' $ ' ;0' -%$' -%!' ,%7'-.' ;#%-2,0+' %$' %!$'4 #0' ,'!%50!:,'%' %-5' 01' #3' %-5' %!+' '-$0#-%$' -%!' ;0'-.' %66'!'%$05' 1'$,' +'4'!%#' '-+$'$*$' -+' '-' *# :0' $' 1%+' 50+'.-05' $' .'70' 1,%$' 10' 4'.,$' -1' 2%!' .#%5*%$0' '-+$#*2$' -' $+' 2*##'2*!*4' 1%+' +*69 6'2'0-$!8' ;# %5' '-2!*5'-.' 6 #0'.-' !%-.*%.0+' 4%$,04%$'2+' %#2,'02*#0' H2'7'!' %-5' 4'!'$%#8F' :%'-$'-.' +2*!:$*#0' 0-.#%7'-.' 0E:0#'40-$%!' :,8+'2+' %+$# -48' .0 .#%:,8' 2,04'+$#8' 4'-0#%! .8' ; $%-8' %-%$ 48' H,*4%-' %-5' 70$0#'-%#8F' %-5' -%$*#%!' ,'+$ #8' ,'+' 0-9 50%7 #'-$0#0+$05' 4%-8':0 :!0' ; $,''-' 40#'2%' %-5' #%-20' '!0+' $,%-' +'E$8' $, *+%-5' 6#%-2+' 10#0' #%'+05' $ 1%#5' $,0' 0-5 140-$' 4 -.'$,0' +*;+2#';0#+' $ ' $,0' 6*-5' 10#0' %; *$' %',*-5#05' 6' $,0' #0:#0+0-$%$'70+' 6' $,0' ;0+$' 2*!$*#0' 6' '#.'-'%' -' (*!8' >' >L)O' $,0' 2 #9 -0#+$ -0' 6' $,0' ;*'!5'-.' 1%+' !%'5'%$' '2, 4 -5' %-5' -0' :# 60++ #1%+' %:' '-$05' 0' 1%+' 29 $ #(0%-' *0!!0' *$' '-' >L)O' #%-20' 1%+' '-' -' 2 -5'$' -' $ ' 0-$0#' '-$ ' +2,040+' 6' 05*2%$' -' # $,0#:# :%.%-5'+4' *$+'50' 6',0# 1-'$0##'$ #8' %-5' $,0' 6 #4%!' 0-50%7 #:#0+0-$!8' 2%40' $ ' %-' 0-5 -' $,0' $ 4 ;+$ -0' 6' , 4%+' (0660#+ -' %$' -$'20!! ' %#0' $,#00' '-+2#':$' -+' '-5'2%$'-.' $,%$' ,0' 1%+' $,0' %*$, #' 6' $,0' 02!%#%$' -' 6' -50:0-50-20' 6' $,0' 6*-5%40-$%!' !%1' 6' '#.'-'%' .*%#%-$00'-.' #0!'.' *+' 6#005 4' %-5' $,%$' ,0' 1%+' %!+' $,0' 6 *-50#' 6' $,0' -'70#+'$8' 6' '#.'-'%' -',+' 0-50%7 #6 #$,0',.,0# 05*9 2%$' -' %' 1 #3' 1,'2,' #' (0660#+ -' #0.%#505' %+' 6'+'.-%!' '4: #$%-20' ,0' 1%+' !%#.0!8' '-6!*0-205' ;8' $,0' 40$, 5+' '50%+' %-5' :*#: +0+' 6' #%-20' ,'!0' ,0' 1%+' 4'-'+$0#' %$' %#'+' ,0' 4%50' '-70+$'9 .%$' -+' 6' $,0' #0-2,' +8+$04' 6' 05*2%$' -' ,0' -'70#+'$8' 6' '#.'-'%' 0+$%;!'+,05' '-' >)NQ' 04;5'05' $,0' #0-2,' 4 50!' 0' #0.%#505' 5'-;*#.,' %-5' 0-07%' %+' $,0' ;0+$ 6 #0'.-' *-'70#+'$'0+' $' -0' $'40' '$ 1%+' +*..0+$05' ;8' #0%+ -' 6' : !'$'2%!' 5'++%$'+6%2$' -' $,%$' $,0' !0%5'-.:# 60++ #+' 6' $,0' -'70#+'$8' 6' 0-07%' +, *!5' %+' % ; 58' $#%-+60#' $,04+0!70+' $ ' '#9 .'-'%' ,0' :# &02$' 6' 2 *#+0' !'30' $,%$' 6']*0+-%8' 1%+' -' $' 60%+';!0' ;*$' '-' $,0' 6'-%!' #.%-'G%$' -' 6' $,0' *-'70#+'$8' -0%# -$'20!! ' $,0' #0-2,'40$, 5' 6' +0:%#%$0' +2, !+' :#09 7%'!05' 0!'.' *+' 6#005 4' 1,'2,'2,%#%2$0#'G05' %-5' +$'!!' 2,%#%2$0#'G0+' $,0' *-'70#+'$8' #0:#09 +0-$+' $,0' #0-2,'#%$,0#' $,%-' $,0' -.!'+,' $#%5'9 $' -' - $,0# 4%-'60+$%$' -' 6' #0-2,''-6!*0-20' -' $,0' ,'.,0# 05*2%$' -' 6' 40#'2%' '+' +00-' '-' $,0' #.%-'G%$' -' 6' 05*2%$' -' '-' $,0' 0##'$ #8' 6' '2,'.%-' $' '+' +:02'%!!8' #0:#0+0-$05' '-' %-' 0-50%7 #' $ ' 6 *-5' 1,%$' 1%+' 6 #' %' $'40' 3-1-' ;8' $,0' 5#0%56*!' -%40' R' %$, !0:'+$04'%5' S' ,0' :# &02$' '-2!*505' $,0' 0+$%;!'+,40-$' 6' $,'#$00-' :# 60++ #+,':+' %!+' 3-1-' ;8' *$9 !%-5'+,' $0#4+' ' #0!'.' *+' 2 -5'$' -' 1%+' $ ' ;$%'-' '-' $,0' 0!02$' -' 6' 404;0#+' $ ' $,0' ; %#5

6 $#*+$00+ ,'+ +2,040 $;0.*-'-'>)>L !'30 $,0 +2,040 6]*0+-%8 2%40 $ %-0-5'-' $,0 6 #4'-1,'2,'$ 1%+ :# &02$05< ;*$ '$ 1%+ $,0 .0#4 1,0-20 +:#%-.' $10-$8 80%#+ !%$0#' $,0 -'70#+'$8 6 '2,'.%-

,'!0 $,0 5'+2*++' -+ ;0$100-' (0660#+ -'%-5 ,'+ 6#'0-5+ 10#0 .'-.' -''-'#0!%$' -'$ '$,0 0+$%;9 !'+,40-$ 6 % *-'70#+'$8 '-' '#.'-'% $,0 '-6!*9 0-20 6 0#4%-' +2, !%#+,':' %-5 $0%2,'-.' 1%+ ;0.'--'-.' $ ';0 60!$ # % ,*-5#05 80%#+ $,'+ '-6!*0-20 ,%+ ;00-' 0-!%#.'-.' %-5 500:0-'-. !$, *.,' 0-&%4'-' #%-3!'-' 1%+ % 7'+'$ # %$ $$'-.0-' '-' >LLO ' %-5 %!$, *.,' %$ $,0 +%40 *-'70#+'$8 '-' >LPP ' % 0--+8!7%-'%-' 0-&%4'-' 4'$,' %#$ -' $ 3',+ 50.#00 6 2$ # 6 ,'! +:,8 '$ 1%+ - $'*-$'!' $,0 6'#+$ 502%50+ 6 $,0 -'-0$00-$,' 20-$*#8 $,%$ $,0 '-6!*0-20 6 $,0 0#4%-+ *:-' 40#'2%-' 05*2%$' -' ;09 2%40 07'50-$' -' $,0 +02 -5 502%50 6 $,0 20-$*#8 ;0.'-+ $,0 ! -.' !'+$ 6 40#'2%-+' 1,',%70 ;00-' +$*50-$+ %$ $,0 0#4%-' *-'9 70#+'$'0+ 6 # % ! -.0# # +, #$0# $'40' 4 -.' $,0 :' -00#+ %#0 51%#5 70#0$$' 0 #.0 '23- #' 0 #.0 %-2# 6$' 0-#8 ' & -.? 60!! 1' %-5 ($,# :' $!08' $!08' 1%+ %' +$*50-$ %$ $$'-.0-' '-' >)JJ' !! 1'-.' ,'4' %$ $$'-.0-' '-' $,0 -0E$ +2 #0 6 80%#+ 10#0 (' ' %; $' $,0 ;' .#%:,0# 6 40#+ -' ,0 5 #0 1'.,$!+08' :#0+'50-$ 6 %!0< 0-&%4'-' :$,#:' *!5' $,0 %+$# -40#< 0 #.0 ' %-0' $,0 %$'-'+$< #%-2'+ (' ,'!5' $,0 -.!'+,' +2, !%#< 0-#8 8-$ -' 4'$,' $,0 $,0 ! .'%-< #%$' ' %230$$' (,-' '-2 !-' %-5 +10!!' '$2,2 23' ,0 !%#.0# -*4;0# 6 40#'2%-+ 1,' 10-$ $ ' 0#4%-8 %+ +$*50-$+ '-' $,0 6'#+$,%16 6 $,0 -'-0$00-$,' 20-$*#8 10-$ $ ' $$'-.0-' ,0 #0%+ -6# $,0 2,'20 '+ - $ 07'50-$' ;*$' %+'50 6# 4' $,0 %$$#%2$'70-0+ 6 $,0 *-'9 70#+'$8 '$+0!6' '$ '+ :# ;%;!0 $,%$ $$'-.0-' ;0'-.' +'$*%$05 '-' %- 70# ' %-5 %- 70# ;0! -.'-.' $ ' $,0 -.!'+,' # 1-' #0:#0+0-$05 % !0+ 6 #0'.-2 *-$#8 $,%-'5'5 #*++'% # %E9 -8 #07' *+ $ ' $,0 80%# >)QK '-' $,0 *-'70#9 +'$'0+ 6 $$'-.0-' 6 0#!'-' %-5 6 0':G'.' %; *$ >QK 40#'2%-+ 10#0 0-# !!05

,0+0 :0#' 5+ 1,'2,' 4%8 '-' % .0-0#%! 1%8 ;0 '-$0#:#0$05 '-' $,0'# :#07%'!'-.' '-6!*0-20 %+ -.!'+,' #0-2,' 0#4%-' %#0 %!+ ' '-' #0+:02$ $ ' '-$0#' # 2 -5'$' -+' $ ' ;0 '-$0#:#0$05 %+ 022!0+'%+$'2%! :#'7%$0 %-5 :*;!'2' +' $,0 2 !!0.0+ 6 *-505 '-' $,0 0%#!8 :0#' 5 10#0 -.9 !'+,' %-5 %+ $,0+0 -.!'+,' 2 !!0.0+ 10#0 U*'$0 0-$'#0!8 *-50# $,0 2 -$# ! 6 $,0 ,*#2,' $,0 022!0+'%+$'2%!' '-6!*0-20 :#05 4'-%$05 !! 19 '-.' $,'+ :0#' 5 % :0#' 5 1,'2,' 4%8 ;0 '-$0#9 :#0$05 %+ :#'7%$0 #:0#+ -%!' ;02%40 5 4'-%-$' !!0.0+ 10#0 6 *-505 ;8 '-5'7'5*%!+ %+ '-5'9 7'5*%!+ - $ %+ 404;0#+ 6 % 2,*#2,' *2,' 2 !!0.0+ %#0 '!!'%4+ 15 '-' %-5 4,0#+$' ,'+ +02 -5 :0#' 5 1%+ +*2200505 ;8 % :0#' 5' 1,'2,' 4%8 ;0 2%!!05 :*;!'2 # -%$' -%!' '-' 1,'2,' $,0 2 !!0.0 # *-'70#+'$8 1%+ 0+$%;!'+,05 %+ $,0 2# 1-' 6 $,0 :*;!'2 05*2%$' -%!' +8+$04' 6 $,0 +$%$0 ,0 +$%$0 *-'70#+'$8 04;5'0+

$,0 0++0-20 6 $,'+ :0#' 5 %-5 4 7040-$ H 00 # o * , % 5 $'+ - $ $;0 *-50#9 +$ 5 $,%$ $,0+0 :0#' 5+ %#0 '-' : '-$ 6 $'40 5'+$'-2$,0 022!0+'%+$'2%! :0#' 5 :# &02$+ '$9 +0!6 5 1-' $ ' $,0 :#0+0-$ 5%8 %-5 6 2 *#+0 $,0 :#'7%$0 # :0#+ -%!+ +$'!! ;$%'-+

-' $,0 6'#+$ 80%#+ 6 !! 1'-.' $,0 2! +0 6 $,0 07 !*$' -%#8 %#' 1,'!0 $,0 2,*#2,0+ 10#0 0-.%.05 '-' $,0 %54'-'+$#%$' -' 6 2 !!0.0+ %!#0%58 6 *-505 # '-' $,0 0+$%;!'+,40-$ 6 -01 2 !!0.0+ - '+4%!+,%#0 6 $,0 ; 58 6 :0 :!0 2%40 $ #0%!'G0 $,%$ $,0'# -005+ 10#0 - $'6*!!8 40$;8 '-+$'$*$' -+ %!#0%58 0E'+$'-. 4%-8 6 $,0+0 2 !!0.0+ 10#0 $,0 2 !!0.0+ 6 %+02$ # %6%2$' - ,08 10#0 - $2 !!0.0+ 6 #%-5 6 $,0 1, !0 ; 58 6 :0 :!0 +$,'+ 600!'-.' 500:0-05 -5 ;# %50-05 '$;02%40 %::%#0-$ $,%$ $,0 -005 2 *!5 ;0 40$ '-' -0 # ; $,' 6 $1 1%8+ -0 40$, 5 1%+ $,0 40$, 5 6'+*:0#7'+' -' 6 %-5 2 :0#%$' -' 1'$,' 0E'+$'-.' '-+$'$*$' -+ ,# *.,' +*2,' % #0!%9 $' -+,':' '$ 1%+ $, *.,$ $,%$ $,0+0 '-+$'$*$' -+ 4'.,$;02 40 4 #0 2! +0!8 %5&*+$05 $ ' $,0 -005+ 6 $,0 44 -10%!$,' ,0 +02 -5 40$, 5 6 $,0 :0 :!0 4'-'+$0#'-.' $ ' $,04+0!70+ $,# *.,' $,0 ,'.,0# 05*2%$' -' 1%+ $,0 0+$%;9 !'+,40-$ 6 -01 '-+$'$*$' -+ $ ' ;0 %54'-'+9 $0#05 5'#02$!8 ;8 $,0 :0 :!0 -' 7%#' *+ 6 #4+ $,0 %5&*+$40-$ 6 $,0 !5 '-+$'$*$' -+ $ 4 50#-' + 2'0$8 1%+ %$$04 :$05 ;*$ $,0 #0+*!$+ 6 $,0 %$$04 :$+ 10#0 7%'-' ,0 %#$4 *$,' !!0.0 %+0 &<% %* '!!*+$#%$0+ ++*2,' %-' %$$04 :$' $ 1%+ -!8 %6$0# $,0 !%:+0 6 ,%!6 % 20-$*#8 %-5 4 #0 $,%$ $,0 %5&*+$9 40-$ 6 $,0 022!0+'%+$'2%! # :#'7%$0 '-+$'$*9 $' -+ $ ' 4 50#-' -005+ 1%+ %22 4:!'+,05 ,0#06 #0 $,# *., *$ $,0 -'-0$00-$,' 20-$*#8 0-50%7 #+' 4%-8 %-5 0%#-0+$' 10#0 4%50 $ ' 6 *-5 -01 '-+$'$*$' -+ *-50# $,0 6*!! %-5 5'9 #02$ 2 -$# ! 6 $,0 44 -10%!$,' *$ 6 $,'+ 50+'#0 $ ' :# 4 $0 % 4 +$ 7'$%! $8:0 6 $,0 ,'.,0# 05*2%$' -' +:#%-.' +*2,' .#%-$+ 6 !%-5 %+ 6 !! 105 $,0 :%++'-.' 6 $,0 .#0%$ #5'-%-20 6 >L)L &<% %* %-5 $,0 '++*'-.' 6 $,0 8440+ :%$0-$ '-' >LPM ' -' $,0 6'#+$,%!6 6 $,0 !%+$ 20-$*#8 .#%-$+ 10#0 4%50 6 # $,0 0+$%;!'+,9 40-$ 6 '-+$'$*$' -+ 6 $,0 ,'.,0# 05*2%$' -' '-' NN +$%$0+ %-5 $0##'$ #'0+< %-5 $,# *.,' JN %2$+ 6 -.#0++' :%++05 !%#.0!8 '-' $,0 +%40 :0#' 5 + 401,%$ 70# % 4'!!' -' %2#0+ 10#0 .#%-$05 6 # $,0 0-5 140-$ 6 *-'70#+'$'0+ 8 40%-+ 6 =,%$ '+ 3- 1-' %+ $,0 ##'!! 2$ &<% %* 6 >)ON %-5 %2$+ %40-5%$ #8 6 '$ %; *$ >K KKK KKK %2#0+ ,%70 ;00-' .#%-$05 $ ' -' !0++' $,%-' MQ +$%$0+ '-' %'5 6 $,0 ,'.,0# 059 *2%$' - ,'+ 7%+$ %4 *-$ 6 :*;!'2 5 4%'-' $, *.,' %!! $$05 :#'4%#'!8 6 # $,0 0-5 140-$ 6 %.#'2*!$*#%!' %-5 402,%-'2%!' 2 !!0.0+ ,%+ 6#0U*0-$!8 ;02 40 % :%#$ 6 $,0 0-5 140-$ 6 $,0 *-'70#+'$8 6 0%2,' 6 $,0 +$%$0+ 2-9 20#-05 ,0 7%!*0 6 $,0+0 7%+$ 5 -%$' -+ '$ '+ - 1'4: ++';!0 $ 0+$'4%$0 ;*$ '$ '+ :# ;9 %;!0 $,%$ $,0 +$%$0+ ,%70 #0%!'G05 6# 4 $,04 - !0++ $,%-' ^NQK KKK KKK H 00 % #%) o # # %# '% #5

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%5 :$05 '- >OMN %-5 - 1 :#0+0#705 '- $, 0
%#2, '70+ 6 $, 0 *-'70#+'$8 '- $, 0 #0+'50-$
1-, %-51#'$'-. '-5'2%$0 $, 0+2 :0 6 $, 0 6'#+$
2 !!0.0 2*##'2*!* 4 '- 40#'2% , 0 5 2*9
40-$:0-+ %+ 6 !! 1+ ? 70#8 +2, !%# $, %$
-' :# 6 '+ 6 *-5 %; !0 $ '$#%-+!%$0 $, 0 #'.'-%!
6 $, 0 !5 %-5 01 0+$%40-$'-$ $, 0 %$'-
$ -.*0 %-5 $ '#0+ !70 $, 04 '! .'2%!!8 %-5 +, %!!
; 0 '4 ; *05 1'$, $, 0 ; 0.'--'-.+ 6 -%$*#%! %-5
4 #%! :, '! + :, 8 1'$, %! ; 0'-. 6 , -0+$!'60
%-5 2 -70#+%$' - %-5 %$ %-8 : *; !'2 %2$, %$,
$, 0 %: :# ; %$' - 6 $, 0 70#+00#+ %-5 %+$0#
6 $, 0 !!0.0 4%8 ; 0 '-70+$05 1', '+ 6'#+$
50.#00 ; *$ - -0 1'!! 0E:02$', '+ 50.#00 *-9
!0+ , 0 +, %!! , %70 :%++05 6 *# 80%#+ '-'2 !!0.0
%-5 , %+ 4%'-$%'-05 $, 0#0'-'% ; !%40!0++ !'60 %-5
, %+ +05*! *+!8 ; +0#705 %!! : *; !'2 0E0#2'+0+ S
- %57 2%$'-. $, 0 2, %-.0 6# 4 $, 0 $, #00?
80%# 2 *#+0 1'$, 1, '2, $, 0 2 !!0.0 +$%#$05
$ % 6 *#?80%# 2 *#+0 #0+'50-$ *-+$0# '+
%$:%'-+ $: '-$ *$ $, %$ R $, 0 +2, !%#+ 1'!!
- $ $, *+ #04%'- '- *# 2 !!0.0 -0 4'-*$0
! -.0# ; 06 #0 $, 08 ; 02 40 ' $, %- #5'-%9
#'!8 $, 08 5 '- %!! $, 0 %4 ; #'5.0 2 !!0.0+ '-
-.!%-5 S , 0 #0U*'#040-$+ 6 # $, 0 50.#00
6 %22%!%*#0%$0 '- #$+ %$ $, '+ $'40 #0%5
R , 0 6'#+$ 80%# +, %!! $0%2, , 0$ #'2 +02 -5
%-5 $, '#5 80%#+ '%!02$'2+ %-5 $, 0 6 *#$, 80%#
+, %!! %55 , '! + :, 8 - $, '+ 2 *#+0 6
6 *# 80%#+ 0%2, -0 +, %!! 5'+:*$0 $1'20 '- $, 0
:*; !'2 +2, !+ %-5 +, %!! #0+: -5 $1'20 '- , '+
1- 2!%++ 1, '2, '6 , 0 :0#6 #4+ %-5 '+ 6 *-5
1 #$, 8 %$0# $, 0 #0. *!%# 0E%4'-%$' - , 0 +, %!!
; 02 40 %- S , '+ 1%+ $, 0 2*##'2*!* 4 6
E6 #5%-5 %4 ; #'5.0 1, '2, %!! ; *$ -0 6 $, 0
40#'2%- 2 !!0.0+ +05*! *+!8 6 !! 105 5*#'-.
$, 0 :0# 5 6 2 ! -'%! 50:0-50-20 %-5 $, 0 '-9
6!*0-20 6 1, '2, +*#7'70+ $?5%8 '- *# !50+$
'-+$'$*$' -+ , 0 2*##'2*!* 4 1%+ '$+0!6 %, 0#'9
$%.0 6 $, 0 %-2'0-$ #'7'* 4 &<% %* H.#% 4 4 %#'
#, 0$ #'2 %-5 5'%!02$'2 -5] *%5#'7'* 4 &<% %*
H%#'$, 40$'2 .0 40$#8 4*+'2 %-5 %+$# - 48
-6!*0-205 ; 8 $, 0 , *#2, , 1070# $, 0 2*#9
#'2*!* 4 6 %4 ; #'5.0 -.!%-5 '- $, 0 0%#!8
80%#+ 6 $, 0 !!0.0 %$ %4 ; #'5.0 %++
, %5 ; 02 40 !'$$!0 4 #0 $, %- %$'-%-5 #003
1'$, 4*2, 5#'!! %-5 5'+:*$%$' -'- #'+$ $0!'%-
! .'2 %-5 :, '! + :, 8 $ 1, '2, 1%+ %5505
+ 40 0!040-$%#8 4%$, 04%$'2+ %-5 % 601
+2#%:+ 6 :, 8+'2%! +2'0-20
, 0 6'#+$ 2 !!0.0 2*##'2*!* 4 '- 40#'2% %+
:*; !'+, 05 '- - $ › 5 5 0 6 #09
70%!+ %$, #00?80%# 2 *#+0 %+ 6 !! 1+ /
H>F -5%8+ %-5 *0+5%8+ , '! + :, 8
2 4 :#'+'-.'! .'2%-5 :, 8+'2+ 6 # $, 0 6'#+$ 80%#
0$, '2+ %-5 : !'$'2+ 6 # $, 0 +02 -5 80%# %#'$, 9
40$'2 .0 40$#8 %-5 %+$# - 48 6 # $, 0 $, #5
80%# # 0%2, 4 #-'-. $, 0 #8 6 # 0%2,
%6$0#- - :#%2$'20 '- :, '! + :, '2%! 5'+:*$%9
$' -+ HNF 05-0+5%8+ #003 6 # %!! 2!%++0+
$, 0 6'#+$ 80%# 0$84 ! .8 %-5 +8-$%E 1'$,
%6$0#- - :#%2$'20 '- $, 0 #*!0+ 6 .#%4 4%#
6 # $, 0 +02 -5 80%# :# + 58 %-5 5'%!02$'2+
1'$, :#%2$'20 '- : 0+8 %6$0# 5'--0# 6 # $, 0
$, '#5 80%# 4 #0 #003 '-'$, 0 #8 %-5 :#%2$'20
HJF , *#+5%8+ $, 0 #8 6 0; #01 , %!500
%-5 8#'%2 .#%4 4%# 1'$, :#%2$'20 '- 2 ##09
+: -5'-. '; !'2%! $0E$+ HMF #'5%8+ #, 0$ #'2
1'$, -.!'+, 2 4 : +'$' - %-5 502!%4%$' -
HQF %$*#5%8+ 4 #-'-.+ R '7'-'$8 %$02, 0$?
'2%!! S %-5 R 4 4 - !%20+ S % % +2, !%+$'2
5'+:*$%$' -+ %6$0#- -+ , '+$ #8 '- $, 0 1'-9
$0# -%$*#0 6 :!%-$+ '- $, 0 +*4 4 0# , '+
2*##'2*!* 4 6 #0+'50-$ *-+$0# #04%'-05
+*; +$%-$'%!!8 *-2, %-.05 5*#'-. $, 0 0-$'#0 +079
0-$00-$, 20-$*#8
%!0 105 '$+ 0%#!8 2*##'2*!* 4 '$ %#7%#5
%-5 '- $*#- :%++05 '$ - $ #'-20$ - #
-0%#!8 % 20-$*#8 %6$0# $, 0 6 *-5'-. 6 %#9
7%#5 $, 0#0 1%+ - ' '4 : #$%-$ 2, %-.0 '- $, 0
+$*5'0+ , 0- %!0 #020'705 + 40 7%!*%; !0
R :, '! + :, '2%! %: : %#%$*+S +*#708'-. '-9
+$#* 40-$+ % $0!0+2 :0 % 4'2# +2 :0 % ; %9
40$0# , '+ 1%+ $, 0 , * 4 ; !0 ; 0.'--'-. 6
$, 0 +2'0-$'6'2 +$*5'0+ 1, '2, &*+$ % 20-$*#8
!%$0# 10#0 $ 50 4%-5 % 2*##'2*!* 4 6 $, 0'#
1- : %#%!!0! $, 0 2!%++'2%! 2 *#+0 !0%5'-. $
$, 0 50.#00
#'-.'$, 0 4'55!0 6'$, 0'0'., $00-$, '20-$#8
+ 40 :# 7'+' -'+ 6 *-5 6 #$, 0 +$*58 6 2, 049
'+$#8 %+$# - 48 .0 .#%:, 8 %!.0; #% $#'. 9
- 40$#8 2 -'2 +02$' -+ %-5 6!*E' -+ 0-9
&% 4'- #%-3!'-+ .'6$ 6 0!02$#'2%! %: : %#%$*+
'+ #020'705 %$ %!0 %-5 (%40+ 15 '-+
R .0-0# *+5 -%$' - 6 %- ##0#8S %$ %#7%#5
#0-2, '+ - 1%-5 $, 0- :0#4 '$$05 %+ %- 0E$#%
2 *#+0 *$ 5'7'-'$8 +*: : #$05 ; 8 0; #01
#04%'-+$, 0 2# 1-'-.'+$*58 6 $, 0 2*##'2*!* 4
%-5 $, 0 0-0#%! ++04 ; !8 6 --02$'2*$' '-
>LQJ 502!%#0+ %-01 ?' $, %$ -0 :#'-2':%! 0-5
:# : +05 '- 0#02$'-.'$, 0 2 !!0.0 1%+ $ +*: : !8
$, 0 2, *#2, 0+ '- $, '+ ! -8 1'$, % !0%#-05
:' *+ %-5 #$, 5 E '-'+$#8 S : $ $, '+
$'40 $, 0 01 #!5 +0040+ 2 -$0-$ 1'$, $, 0
40%.0# 2*##'2*!* 4 6 $, 0 !5 #!5 , 0
-01 '50%!+ %-5 $, 0 -01 +$*50+ 10#0 $ 2 40
1'$, $, 0 ; #0%35 1- 6 $#%5'$' -+'-'$, 0 07 9
!*$' -%#8 :0#' 5 $, 0 2 -+2' *+-0+ 6 -%$' -%!
!'60 %-5 $, 0 -005 6 $#%'-'-. 6 # 2'$'G0-+, ':
, 0 %- *-2040-$ 6 '-. !!0.0 H- 1
!*4 ; '% -'70#+'$8 '- >LQM , 0#%!505 %

0!*5'-.ʻ 0$,'2+ʻ #,0$ #'2ʻ %-5ʻ 6'-0ʻ %#$+Fʻ ,'+ʻ :# .#%4ʻ 1%+ʻ - $ʻ -!8ʻ$,0ʻ 4 +$ 2 4 :#0,0-+'70ʻ 6ʻ '$+ʻ$'4 0ʻ ; *$ 1%+ʻ$,0ʻ 6'#+$ *-'70#+'$8ʻ 2*##'2*9 !*4ʻ '-ʻ 4 0#'2%ʻ $ʻ ;0ʻ %54'-'+$0#05ʻ *-50#ʻ % 7'#$*%!!8ʻ 2 4 :!0$0ʻ0!02$'70ʻ+8+$0 4

$ʻ 1%+ʻ ;0$100-ʻ$,0ʻ 80%#+ʻ >)NKʻ%-5ʻ >)JKʻ$,%$,%#!0+ʻ !!0-ʻ ;02%40ʻ'-+$#*2$ #'-ʻ 0#4%-ʻ%$ %#7%#5ʻ !!0.0ʻ%-5ʻ 0 #.0ʻ '23- #'*-50#$,0ʻ '-6!*0-20ʻ 6ʻ $$'-.0-ʻ%-5ʻ 4 #0ʻ0+:02'%!!8ʻ$,0ʻ -'70#+'$8ʻ 6ʻ '#.'-'%ʻ 5070! :05ʻ 5,0ʻ 50:%#$9 40-$ 6ʻ 50#-ʻ %-.*%.0+ʻ%$ʻ %#7%#5ʻ !!0.0ʻ %-5ʻ 0-#8ʻ ʻ -.60!! 1ʻ1, ʻ1%+ʻ$ ÷+*22005ʻ '23- #'%$ʻ %#7%#5ʻ1%+ʻ 0!02$05ʻ'-+$#*2$ #'-ʻ $,0ʻ #0-2,ʻ :%-'+,ʻ $%!'%-ʻ%-5ʻ 0#4%-ʻ %-9 .*%.0+ʻ%$ʻ 15 '-ʻ !!0.0ʻ *$%$ʻ4 +$ 6ʻ$,0ʻ 2 !!0.0+ʻ #0-2,ʻ1%+ʻ :0#4'$$05ʻ40#0!8ʻ%+ʻ%-ʻR'0E9 $#%ʻJ'+$*58ʻ%ʻ+ 2'%!'%22 4:!'+,40-$6 # 1,'2,ʻ %+:02'%!ʻ600ʻ1%+ʻ2,%#.05ʻ $ʻ$,0ʻ+%40ʻ$'40ʻ$,0ʻ 6%2*!$8ʻ 6ʻ 4,0#+$!!0.0ʻ %-- *-205ʻ% 2'0-20ʻ *#+0ʻ'-ʻ1,'2,ʻ #0-2,ʻ%-5ʻ :%-'+,ʻ 10#0ʻ+*;+$'$*$05ʻ6 #$,0ʻ %$'-ʻ%-5ʻ #003ʻ 6ʻ$,0ʻ $#%5'$' -%!ʻ2 *#+0ʻ ,0ʻ -'70#+'$8ʻ 6ʻ 0#4 -$ 4%50ʻ% +'4'!%# %;#$'70ʻ70-$*#0ʻ $ #1'2,ʻ -'70#+'$8ʻ'-ʻ 0#4 -$ʻ %:$%'-ʻ %#$#'5.0ʻ%59 70#$'+05ʻ4 +$ 6ʻ$,0ʻ*-50#.#%5*%$0ʻ +$*5'0+ʻ 6ʻ *# :#0+0-$ 2!%++'2%!ʻ $02,-'2%!ʻ %-5ʻ 4'!'$%#8ʻ +2, !+ʻ%-5ʻ%!!ʻ*-50#%-ʻ 0!02$'70ʻ+8+$04ʻ%-5ʻ *-6'E05ʻ$0#4ʻ 6ʻ#0+'50-20ʻ '4'!%# 6#005 4ʻ 6ʻ :: #$*-'$8ʻ'-ʻ$,0ʻ%2%504'0+ʻ 6ʻ$,0ʻ$'40ʻ1%+ʻ -0ʻ>)6!*0-20ʻ'-ʻ$,0ʻ;# %50-'-.ʻ 6ʻ$,0ʻ2 !!0.0ʻ 2*##'2*!*4ʻ *#'-.ʻ$,'+ʻ +%40ʻ502%50ʻ 0-+9 +0!%0# !8$02,-'2ʻ$,0ʻ6'#+$ $02,-'2%!ʻ +2, !ʻ '-ʻ$,'+ʻ2 *-$#8ʻ1%+ʻ0+$%;!'+,05ʻ%-502 - 4'2+ʻ 6 *-5ʻ% :!%20ʻ %$ʻ %#7%#5ʻ %!0ʻ !*4;'%ʻ 15 '-ʻ %#$4 *$,ʻ%-5ʻ #'-20$-ʻ 40#'9 2%-ʻ$#%-+!%$'-+ʻ 6ʻ %8‡+ (ʻ (!ʻ%-5ʻ 4%$,04%$'2%!ʻ $0E$+ʻ 6ʻ %:!%20ʻ%-5ʻ % #0ʻ .%70ʻ%-ʻ'4:*!+0ʻ$ʻ$,0+0ʻ+$*5'0+ʻ ,0ʻ5'+9 $'-2$!8ʻ4 50#-ʻ$#0-5ʻ6ʻ$,'+ʻ502%50ʻ'-ʻ$,0ʻ,'+9 $ #8ʻ 6ʻ$,0ʻ2 !!0.0ʻ2*##'2*!*4ʻ'+ʻ 10!!ʻ+, 1-ʻ;8ʻ $,0ʻ'-U*'#8ʻ 6ʻ$,0ʻ '+'$'-.ʻ 44'$$00ʻ%$ʻ 19 5 '-ʻ !!0.0ʻR'1,0$,0#$,0ʻ2 *#+0ʻ 6ʻ'-+$#*29 $'-ʻ *.,$-$ʻ$ʻ;0ʻ4 #0ʻ 6ʻ%:#%2$'2%!ʻ%-5ʻ !0+ʻ 6ʻ%+2, !%+$'2ʻ ,%#%2$0#ʻ%-5ʻ$ʻ$,'+ʻ0-5ʻ 1,0$,0#$,0ʻ+$*58ʻ 6ʻ$,0ʻ #003ʻ!%-.*%.0ʻ'-ʻ $,'+ʻ !!0.0ʻ*.,$-$ʻ$ʻ;0ʻ :$'-%!ʻ1'$,ʻ$,0ʻ +$*50-$S'ʻ 0$ʻ'-ʻ$,'+ʻ+%40ʻ502%50ʻ %!0ʻ -'9 70#+'$8ʻ.%70ʻ'$+ʻ: 10#6*!'-6!*0-20ʻ$ʻ%#0$# 9 %2$'70ʻ4 7040-$ʻ ,0ʻ #0: #$ 6ʻ '$+ʻ2 49 4'$$00ʻ -ʻ%!';0#%!ʻ2 *#+0ʻ 6ʻ+$*58ʻ:*;!'+,05ʻ '-ʻ>)NLʻ:#0+2#';05ʻ070#8ʻ+$*58ʻ$,%$ʻ%!';0#%!ʻ 05*2%$'-ʻ 504%-505ʻ%-5ʻ%$$04:$05ʻ$ʻ:!%20ʻ $,0ʻ0-$'#0ʻ2*##'2*!*4ʻ -ʻ%;%+'+ʻ 66#4%!ʻ5'+9 2':!'-0ʻ%-5ʻ$ʻ6'Eʻ'$ -20ʻ%-5ʻ6 #%!!ʻ'-ʻ6'-%!ʻ :0#602$'-ʻ ,0ʻ52$#'-0+ʻ 6ʻ$,'+ʻ 0:#$-$ -!8ʻ,'-50#05ʻ:#.#0++ʻ%$ʻ %!0ʻ$,#*.,*$ $,0ʻ 20-$*#8ʻ;*$ 2#%4:05ʻ2 !!0.0ʻ:#.#%4+ʻ 1,0#070#ʻ$,0ʻ'-6!*0-20ʻ 6ʻ %!0ʻ1%+ʻ 60!$'ʻ 0+$0#-ʻ 0+0#70ʻ !!0.0ʻH- 1 -'70#+'$8Fʻ%'405ʻ $ʻ;02 40ʻ$,0ʻR'%!0ʻ6ʻ$,0ʻ 0+$Sʻ%-5ʻ4%-8ʻ %- $,0#!'$$!0ʻ %!0ʻ:#0+0#705ʻ'$+ʻ2 -+0#7%$'70ʻ $#%5'$'-+ʻ'-ʻ$,0ʻ 0+$ʻ%-5ʻ *$, $ʻ1%+ʻ'-ʻ>)NNʻ$,%$ʻ '!!'%4ʻ%-5ʻ %#8ʻ !!0.0ʻ 0+$%;!'+,05ʻ$,0ʻ6'#+$:#60++ #+,':ʻ '-ʻ ,'+$ #8ʻ *2,'$0%2,'-.ʻ 6ʻ,'+$ #8ʻ%+ʻ,%5'! -.ʻ;00-ʻ.'70-

;8ʻ :# 60++ #+ʻ '-ʻ$,0ʻ2!%++'2+ʻ%-5ʻ'-ʻ$,0 ! .8ʻ 1%+ʻ*-+8+$04%$'2ʻ%-5ʻ+*;+'5'%#8ʻ$ʻ$,0ʻ$#%5'9 $'-%!ʻ 2 !!0.0ʻ+*;&02$+ʻ 70-ʻ%6$0#(%#05ʻ :%#3+ʻ'-ʻ>)JPʻ;02%40ʻ$,0ʻ6'#+$:#60++ #ʻ 6ʻ ,'+$ #8ʻ%$ %#7%#5ʻ !!0.0ʻ$,0ʻ+*;&02$'#020'705ʻ ;*$'+2%-$'#02 .-'$'-ʻ'-ʻ4 +$2 !!0.0+ʻ%-5ʻ$,'+ʻ %+ʻ'-2'50-$%!ʻ$ʻ:!'$'2+ʻ #ʻ:,'! + :,8ʻ $ʻ1%+ʻ -$ʻ*-$'!ʻ%6$0#ʻ$,0ʻ '7'!ʻ %#ʻ$,%$ %!0ʻ0+$%;9 !'+,05ʻ%2,%'#ʻ6',+$ #8ʻ '+$ #8ʻ%-502 - 4'2+ʻ %+ʻ10ʻ3- 1ʻ$,04ʻ$?5%8ʻ'-ʻ 40#'2%-ʻ2 !!0.0+ʻ %#0ʻ4 50#-ʻ+*;&02$+

4ʻ$,0ʻ#04%#3%;!0ʻ5070! :40-$ 6ʻ$,0ʻ $,'#5ʻ502%50ʻ*-$'!ʻ$,0ʻ2! +0ʻ 6ʻ$,0ʻ '7'!ʻ %#ʻ$,0ʻ5070! :40-$ 6ʻ$,0ʻ2 !!0.0ʻ2*##'2*!%ʻ*-50#$,0ʻ'-6!*0-20ʻ 6ʻ+*2,ʻ '50%!+ʻ 1%+ʻ -020++%#'!8ʻ+! 1ʻ ,0ʻR'-01'Sʻ'50%+ʻ%5 :$05ʻ%$ʻ #-0!!'-ʻ >)OLʻ%#0ʻ'-ʻ0++0-20ʻ$,ʻ0ʻ 6ʻ$,0ʻ 4,0#+$#0: #$ 6ʻ>)NOʻ ,0ʻ1, !0ʻ:0#'5ʻ1%+ʻ -0ʻ6ʻ2 -6!'2$;0$100-ʻ$,0ʻ !5ʻ5 2$#'-0+ʻ%-5ʻ$,0ʻ ÷0ʻ / ʻ$,%$ʻ'-+:'#05ʻ4%-8ʻ%-ʻ 40#'2%-ʻ +$*50-$'-ʻ 0#4%-8ʻ1'$,ʻ%$#*!8ʻ!';0#%!ʻ'50%ʻ 6ʻ*-'70#+'$8ʻ+$*58ʻ 6ʻ%-8ʻ5%$0ʻ'-5'2%$0+ʻ# *.,!8ʻ $,0ʻ6'-%!ʻ5 4'-%-20ʻ 6ʻ 0#4%-ʻ'50%!+ʻ%-5ʻ$,0ʻ 2 -+0U*0-$ʻ ;0.'--'-.+ʻ 6ʻ$,0ʻ4 50#-ʻ:0#ʻ 5ʻ '$ʻ'+ʻ$,0ʻ80%#>)OPʻ1,0-ʻ ,%#!0+ʻ ʻ !ʻ $ʻ ;02%40ʻ:#0+'50-$ʻ 6ʻ %#7%#5ʻ -'70#+'$8

#'-.ʻ$,0ʻ:%+$,%!6 20-$*#8ʻ$,0ʻ2 !!0.0ʻ 5070! :05ʻ'$+ʻ2##'2*!*4ʻ*-50#$,0ʻ:#0++*#0ʻ 6ʻ'-+$'$*$'-+ʻ%;70ʻ'$ʻ%-5ʻ;0! 1ʻ'$ʻ ,0ʻ6'#+$ 2 !!0.0+ʻ'-ʻ 40#'2%ʻ%5 :$05ʻ$,0ʻ405'07%!ʻ%#$+ʻ 2 *#+0ʻ%+ʻ'$ʻ,%5ʻ+*#7'705ʻ'-ʻ$,0ʻ4 5'6'05ʻ2*##'29 *!%ʻ 6ʻ -.!'+,ʻ*-'70#+'$'0+ʻ$,0ʻ5 4'-%-$ʻ:*#9 :+0ʻ 6ʻ$,0ʻ2 *#+0ʻ;0'-.ʻ.0-0#%!ʻ#%$,0#$,%-ʻ +:02'%!ʻ $#%'-'-.ʻ #0+0-$!8ʻ$,0ʻ $#%5'$'-%!ʻ :#60++'-%!ʻ+2, !+ʻ 6ʻ!%1ʻ405'2'-0ʻ%-5ʻ$,0 !9 .8ʻ$ 3ʻ$,0'#ʻ:!%20+ʻ;0+'50ʻ$,0ʻ%#$+ʻ2*#+0ʻ %$0#ʻ*-50#0#4%-ʻ'-6!*0-20ʻ2%40ʻ$,0ʻ.#%5*?9 *%$0ʻ+2, !ʻ6'%#$+ʻ1'$,ʻ'$+ʻ04:,%+'+ʻ -ʻ+:02'%!ʻ $02,-'2%!ʻ$#%'-'-.ʻ'-ʻ2 -$#%+$ʻ$ʻ$,0ʻ.0-0#%!ʻ :#0:%#%$'-ʻ 6ʻ$,0ʻ !50#%#$+ʻ2*#+0ʻ ,0ʻ :#60++'-%!ʻ+2, !+ʻ%-5ʻ$,0ʻ-01ʻ.#%5*%$0ʻ+2, !ʻ :#0++05ʻ-ʻ$,0ʻ2 !!0.0ʻ2*##'2*!*4ʻ6# 4ʻ%;70ʻ 0%2,'50 4%-5'-.ʻ%:%#$ 6ʻ$,0ʻ !50#%#$+ʻ2 *#+0ʻ '$,'#%#0ʻ0E20:$'-+ʻ$,0ʻ-01ʻ.#%5*%$0ʻ%#$+ʻ 2 *#+0+ʻ1'$,ʻ$,0'#-01ʻ'50%!+ʻ10#0ʻ-$ʻ2 -20'705ʻ %-5ʻ4%'-$%'-05ʻ%+ʻ+0:%#%$0ʻ'-+$'$*$'-+ʻ $ʻ $,0ʻ+%40ʻ$'40ʻ$,0ʻ 40#'2%-ʻ,'.,ʻ+2, !ʻ.# 19 '-.ʻ#%:'5!8ʻ'-ʻ:*;!'2ʻ6%7 #ʻ%-5ʻ'-ʻ#02 .-'$'-ʻ 6ʻ $,0ʻ-005+ʻ 6ʻ$,0ʻ.#0%$-*4;0#+ʻ 1,ʻ2 *!5'-$ ʻ$ʻ2 !!0.0ʻ;# *.,$'$+ʻ'-6!*0-20ʻ$ʻ;0%#ʻ-ʻ $,0ʻ2 !!0.0ʻ2*##'2*!*4ʻ6# 4ʻ;0! 1ʻ 0$100-ʻ $,0+0ʻ$1ʻ4'!!+$ -0+ʻ070-ʻ$,0ʻ70-0#%;!0ʻ%#$+ʻ 2 *#+0ʻ:# $02$05ʻ;8ʻ$#%5'$'-ʻ070#ʻ#0!*2$%-$ '-ʻ'$+ʻ#0+:-+0ʻ$ʻ:*;!'2ʻ504%-5+ʻ1%+ʻ-070#9 $,0!0++ʻ:#6*-5!8ʻ4 5'6'05ʻ -5ʻ$,0ʻ:#0++*#0ʻ '+ʻ+$0%5'!8ʻ'-2#0%+'-.ʻ 070#ʻ;06 #0ʻ,%+ʻ$,0ʻ 2 !!0.0ʻ60!$'6# 4ʻ%!ʻ+'50+ʻ+*2,ʻ''-+'+$0-$50 4%-5+ʻ 6 #ʻ#0 #.%-'G%$'-

+ʻ$,0ʻ5 4'-%-$'-6!*0-20ʻ -ʻ$,0ʻ0%#!8ʻ2*##'29 *!%ʻ1%+ʻ -.!'+,ʻ%-5ʻ!%$0#ʻ #0-2,ʻ+ʻ$,0ʻ5 4'9 -%-$'-6!*0-20ʻ5*#'-.ʻ$,0ʻ!%+$,%!6ʻ 6ʻ$,0ʻ-'-09 $00-$,'20-$*#8ʻ1%+ʻ 0#4%-ʻ ,# *., *$ʻ$,0ʻ 20-$*#8ʻ$,0ʻ,'+$ #8ʻ 6ʻ$,0ʻ2 !!0.0ʻ2*##'2*!*4ʻ'+ʻ $,0ʻ #02 #5ʻ 6ʻ'-+$'$*$'-+ʻ*-50#ʻ2 -+0#7%$'70ʻ '-6!*0-20+ʻ6 #205ʻ;8ʻ$,0ʻ.# 1$,ʻ 6ʻ,*4%-

3- 1!05.0 %-5 $,0 504%-5+ 6 %- '-2#0%+'-.!8 2 4 :!0E 2'7'!'G%$' - $ $%30 *: -0 -01 +*;9 &02$ %6$0# %- $,0# %-5 :#0+0-$ $,04 '- 4 #0 7'$%! #0!%$' -+ $: :#0+0-$ + 2'%! '-5*+$#'%! %-5 : !'$'2%! -005+ $ '+ '- #0+: -+0 $ +*2,5 60!$ -005+ #%$,0# $,%- '- 2 -6 #4'$8 1'$, %-8 $,0 #8 6 1,%$ +, *!5 2 -+$'$*$0 %!';0#%! 05*9 2%$' - $,%$ 02 - 4'2+%-5+ 2' ! .8 '- -*40#9 *+ ;#%-2,0+ ,'+$ #8 . 70#-40-$ %-5 %!!'05 +*;&02$+ ,%70 - 1'+*2,:# 4'-0-$:!%20+ '-$,0 2 !!0.0+ 6 $?5%8 *#+0+ '- 05*2%$' - 6 # 0E%4 :!0 10#0 660#05 $10-$8%'70 80%#+ %. ' '- ;%#0!8 ,%!6 % 5 G0- ,'.,0# '-+$'$*$' -+ ?5%8 $,08 %#0 6 *-5'-0%#!8$,#00 ,*-5#05 U*%!!8 - $01 #$,8 5*#'-.' $,'+ :0#' 5 ,%+ ;00- $,0 5070! :40-$ 6 2 !!0.0 '-+$#*2$' - '- -.!'+, !%-.*%.0 %-5 !'$0#%$*#0 - >)MO $,0 %1#0-20 2'0-$'6'2 2, ! 1%+ 0+$%;!'+,05 %$ %#7%#5 $ 660#% 2 *#+0 :%#%!!0!$ $,0 2!%++'2%! 2 *#+0 %-5 !0%5'-.' $ $,0 50.#00 6 # 4 $,%$ $'40 $ $,0 :#0+0-$ 5%8 %$ 6'#+$ +! 1!8 %-5 $,0-#%:'5!8 +2'0-$'6'2 2 *#+0+ ,%70 $%30-' $,0'# :!%20 '- -0%#!8 %!! 2 !!0.0+ %-5 ,%70 #'+0- 6# 4 +*+9 :'2' - %-5 6# 4 $,0 #0%! '-60#' #'$8 6 $,0'# ;0.'--'-.+ *-$'! $?5%8 $,0 :# ;!04 '- 4%-8 '-9 +$'$*$' -+ '+ $ +%70 $,0 $#%5'$' -%! 2 *#+0 6# 4 ;0'-.2# 1505 *$;8 $,0 4 #0 :#%2$'2%! +2'0-$'6'2 +$*5'0+ ,0 %5 :$' - 6 $,0 !%; #%9 $ #8 40$, 5 ,%+ U*'230-05 $,0 +$*58 6 $,0 +2'0-20+ $,%$ $,*+ 05.05 $,0'# 1%8 -$ $,0 :# 9 .#%4 6 % 20-$*#8 %. %-5 %$ $,0 +%40 $'40 ,%+ ;# *.,$ 5*0 #02 .-'$' - $ .0 ! .8 ;' !9 .8 %-5 :+82, ! .8 '-%!!8 $,0 .0-0#%! %5 :$' - 6 $,0 0!02$'70 +8+$04 1'$, # 1'$, *$ #0U*'#040-$+ 6 2 -20-$#%$' -%-5 5'+$#';*$' - 6 +$*5'0+ ,%+ !06$ $,0 +*;&02$ 4%$$0# 6 $,0 2*##'2*!*4 :0- $ '-506'-'$0 5070! :40-$ *-,%4 :0#05 ;8 $,0 :# 02'70 $%#'66+ '4: +05 ;8 $,0 6 #4%!5'+2':!'-0 $,0 #'+$+ 6 0%#!'0# 5%7+

* $

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/ ,0 !02$'70 8+$04 / - :.0+ OJ?OQ6 '+ $#%205 $,0 5070! :40-$ 6 $,0 2 !!0.0 2*##'2*9 !*4 %-5 '-2'50-$%!!8 6 '$+ %54'-'+$#%$' - - %:#0+2#';05 # %- 0!02$'70 ;%+'+ ,'!0 $,0 -'70#+'$8 6 '#.'-'% *-50# $,0 '-6!*0-20 6 (0660#+ - 660#05 $,0 6'#+$ 506'-'$0 0E%4 :!0 6 6#005 4 6 2, '20 6 +$*5'0+ - $,0 :%#$ 6 $,0 +$*50-$ %-5 %- 04; 5'40-$ 6 1,%$ '+ - 1 2%!!05 $,0 0!02$'70 :#'-2':!0 80$,0#0 $,0 :#'-9 2':!0 1%+ 2 -$# !!05 ;8 $,0 6 !! 1'-.' 6%2*!$8 #*!0 R ,0 50.#00 6 .#%5*%$0 +,%!! ;0 2 -9 60##05 - $, +0 -!8 1, ,%70 %2U*'#05 %- %22*#%$0 %-5 0E$0-+'70 3- 1!05.0 6 $,0 +*;9 &02$ 6 -0 # 4 #0 6 $,0 2!%++0+ #'-%-8 +-.!0 !%-.*%.0 *$ '$ '+ $;0 *-50#+$ 5 $,%$ '- %!! 2%+0+ $,0 2%-5'5%$0 +,%!! .'70 $,0 6%2*!$8 +%$'+9 6%2$ #8 : 6 6 ,'+ %;'!'$8 $ 1#'$0 $,0 -.!'+, !%-.*%.0 2 ##02$!8 S ,0 '50% 6 $,0 0!02$'70 :#'-2':!0 1%+ 2%##'05 $ %#7%#5 ;8 0 #.0 '23- # %-5 .'70-' +!'.,$ #02 .-'$' - '- $,0 +$%$*$0+ 6 >)NQ 0#0 %+ -' $,0# 2 !!0.0+ !%$0# $,0 0!02$'70 :#'-2':!0 #020'705 '$+ 6'#+$ #02 .-'$' - '- 2 --02$' - 1'$, 4 50#-!%-9

.*%.0+ $,0#06 #0 $,0+0 6 *-5 $,0'# 6'#+$ #02 .9 -'$' - *+*%!!8 %+ 0E$#%' +$*5'0+

- >)NO +$*50-$+ 2 *!5 $%30 4 50#- !%-9 .*%.0+ %$0# $,0 6'#+$ $,'#5 6 6#0+,4%-80%#' - :!%20 6 +:02'6'05 2 *#+0+ '- #003 %$'- $: .9 #%:,8 0;#01 %-5 -%$*#%! +2'0-20 %-5 +0-' #+ 4'.,$ +*;+$'$*$0 -%$*#%! :,'! + :,8 6 # % :%#$ 6 '-$0!!02$*%! :,'! + :,8 +4 50#- !%-9 .*%.0+ 10#0 %!4 +$ $,0 -!8 +*;&02$+ %7%'!%;!0 6 # 0!02$' - $,0 6#005 4 6 2, '20 1%+ !0++ $,%- '$ %:: 0%#05 $;0 # 1- -'70#+'$8 %$ $,'+ $'40 660#05 '$+ &*-' #+ '- $,0 $,'#5 $0#4 2%!9 2*!*+ # #0-2, %-5 '$+ +0-' #+ '- $,0 $,'#5 $0#4 0;#01 # #0-2, ,0#0 10#0 - $,0# :$' -+

- >)JM # 60++ # '23- # #0: #$05 $,%$ 1'-.' $ $,0 %5 :$' - %-5 6*!! %::!'2%$' - 6 $,0 7 !*-$00# +8+$04 $,0 %4 *-$ 6 +$*58 %-5 :# .#0++ '- 0%2, 4 50#- !%-.*%.0 ,%5 ;00- .#0%$!8 !'-2#0%+05 '- + 40 +02$' -+ 5 *;!05 1'$,'- 0'.,$ 80%#+ 0$ '$ %:: 0%#+ 6# 4 $,0 40%.0# 660#'-.' 6 0!02$'70+ $,%$ 0E20:$' - 4 50#- !%-.*%.0+ $,0 %54'-'+$#%$' - 6 $,0 2 !!0.0 2*##'2*!*4 #04%'-05 '- >)JQ +*;+$%-9 $'%!!8 1,%$ '$,%5 ;00- ;06 #0 $,0 %5 :$' - 6 $,0 +$%$*$0+ 6 >)NQ - >)J) $,0 #: #%$' - :# 7'505 $,%$ +$*50-$+ 1, ,%5 2 4 :!0$05 $,0 6#0+,4%- 4%$,04%$'2+ 4'.,$ 5'+2 -$'-*0 $,0 +*;&02$ %-5 $%30 '- '$+ :!%20 -%$*#%! ,'+$ #8 2'7'! ,'+$ #8 2,04'+$#8 % 2 *#+0 '- .0 .#%:,8 %-5 $,0 *+0 6 $,0 .! ;0+ # +$*5'0+ '- #003 %-5 %$'- %55'$' -%! $ $,0 :#0+2#';05 2 *#+0 $ '+ +*..0+$'70 6 $,0 0%#!8 5'66'2*!$'0+ '- :# 7'5'-.' %-8 #0%! 6#005 4 6 2, '20 $,%$ $,0 2 !!0.0 %$0# %-- *-2'-.',' + %::%#0-$ 0E$0-9 +' - 6 $,0 0!02$'70 +8+$04 60!$!'!'.05 $ %55 $,0 1%#-'-.$,%$ $,0 2 !!0.0 4'.,$ - $;0 %;!0 $ ' :# 7'50 $,0 :# +05 %!$0#-%$'70 6 -%$*#%! ,'+$ #8 2'7'! ,'+$ #8 %-5 2,04'+$#8

!! 1'-.$,0 %5 :$' - 6 $,0 -01 2*##'2*9 !*4 6 >)M>'7%#' *+ #0.*!%$' -+ 10#0 4%50 0%2, 80%#' ,08 '!!*+$#%$0 $,0 1%8 '-' 1,'2,'2 *#+0+ 6 +$*58 ,%70 ;00- :%$2,05 *:' 1'$, #%#0 0E9 20:$' -+ $,# *., *$ $,0 ,'+$ #8 6 $,0 40#'9 2%-' 2 !!0.0 -8 -0 1, $#%20+ $,0 7%#8'-.' 6 #$*-0+ 6 7%#' *+ +*;&02$+ '- $,0 %54'-'+$#%9 $' - 6 %!4 +$ %-8 2 !!0.0 '+ %$ % ! ++ $ 5'+9 2 70# 07'50-20 6 +*+$%'-05 %-5 0-!'.,$0-05 !0%50#+,': : -' $,0 %220++' - 6 #0+'50-$ 70#0$$ %$ %#7%#5 '- >)MO $!'0 %57 2%$0+ 6 $,0 0!02$'70 +8+$04 %-5 $,0 :: -0-$+ 6 %-8 2,%-.0 2 -$#'705 $: %$2, *:' % 2 4:# 4'+0 2*##'2*!*4 !$, *.,' '$:# ;%;!8 +%$'+6'05 - ; 58 '$ 1%+ :#0+2#';05 1'$,'!$$!0 2,%-.0-$ # $,0 -0E$ $10-$8 80%#+ ,'+ :# .#%4 :0#9 4 '$$05 &*-' #+ $ 0!02$ $,#00 6 $,0 6 !! 1'-.' +$*5'0+ #003 %$'- 4%$,04%$'2+ 0#4%-' %-5 :%-'+, # $,0 +0-' #+ $%!'%-' 1%+ %5505 $ $,0 0!02$'70 !'+$!! $,0# +$*5'0+ 10#0 :#0+2#';05 #0+'50-$:%#3+ %-' :: -0-$ 6 $,0 0!02$'70 +8+$04 5'+2 70#05 '-' >)QN $,0 !%+$ 80%# 6 ,'+ %54'-'+$#%$' - 2 %2 -5'$' - 1,'2,', %+ #04%'-05 %-' *-%-+10#%;!0 %#.*40-$ %.%'-+$ $,0 #'.'5!8 :#0+2#';05 2 !!0.0 2*##'2*!*4 R ,0 7 !*-?

$%#8ʻ +8+$0 4 Sʻ ,0ʻ +%'5ʻ Rʻ'+ʻ +$'!!ʻ #0$%'-05ʻ $ ʻ % 20#$%'-ʻ 0E$0-$ʻ #%$,0# 6# 4ʻ-020++'$8ʻ$,%-ʻ:#069 0#0-20ʻ ,0ʻ-* 4 ;0# %-5ʻ7%#'0$8ʻ 6ʻ$,0ʻ+$*5'0+ʻ 6 #ʻ 1,'2,ʻ$,0ʻ *-'70#+'$8ʻ ,%+ʻ :# 7'505ʻ '-+$#*29 $' -ʻ %#0ʻ + ʻ!%#.0ʻ$,%$ʻ '$ʻ '+ʻ '4: ++';!0ʻ 6 # %-8ʻ +$*50-$ʻ 1'$,'-ʻ$,0ʻ :0#' 5ʻ 6ʻ 6 *# 80%#+ʻ $ ʻ .'70ʻ +*2,ʻ% 50.#00ʻ 6ʻ%$$0-$' -ʻ$ʻ$,04ʻ%!ʻ %+ʻ 1'!!ʻ 0-%;!0ʻ,'4ʻ$ʻ %2U*'#0ʻ 4 #0ʻ$,%-ʻ%!'4'$05ʻ %-5ʻ+*:0#6'2'%!ʻ3- 1!05.0ʻ6# 4ʻ1,'2,ʻ!'$$!0ʻ:# 6'$ 2%-ʻ;0ʻ50#'705 S

-ʻ >)QOʻ $,# *.,ʻ %- $,0# 2*#$%'!40-$ʻ 6ʻ 0!02$'70ʻ:#'7'!0.0+ʻ$,0ʻ+8+$04ʻ#0%2,05ʻ'$+ʻ! 10+$ 0;;ʻ%-5ʻ,0#0ʻ'$ʻ #04%'-05ʻ*-$'!ʻ %6$0# $,0ʻ '7'!ʻ %#ʻ ,0ʻ 6%2*!$8ʻ 6ʻ >)OQ?>)OOʻ H$10-$8ʻ 40-ʻ 1'$,ʻ M>M#ʻ +$*50-$+ʻ 1%+ʻ-ʻ;0$$0#ʻ:#0:%#05ʻ$ ʻ :# 7'50ʻ%;# %5ʻ 2*##'2*!*4ʻ$,%-ʻ$,0ʻ 6%2*!$8ʻ 6ʻ$10-$8ʻ80%#+ʻ;06 #0ʻ 0$ʻ'$ʻ+0$ʻ *$ʻ%$ʻ -20ʻ *:-ʻ$,%$ʻ: !'28ʻ 6ʻ502#0%+'-ʻ:#0+2#';05ʻ+$*5'0+ʻ %-5ʻ'-2#0%+'-.ʻ0!02$'70ʻ+$*5'0+ʻ1,'2,ʻ %#7%#5ʻ !!0.0ʻ6 !! 105ʻ2 -+'+$0-$!8ʻ 5*#'-.ʻ$,0ʻ!-.ʻ %54'-'+$#%$'-ʻ 6ʻ #0+'50-$ʻ !' $

,0ʻ2*##'2*!*4ʻ1%+ʻ-ʻ!-.0# %$ʻ$,0ʻ40#28ʻ 6ʻ2,%-20ʻ%-5ʻ2 4:# 4'+0Tʻ %:#'-2':!0ʻ1%+ʻ$ʻ .*'50ʻ$,0ʻ%54'-'+$#%$'-ʻ 6ʻ+$*5'0+ʻ%$ʻ %#7%#5ʻ !!0.0ʻ6 # $,0ʻ -0E$ʻ 6 #$8ʻ80%#+ʻ -ʻ>)LNʻ$,0ʻ +0-'# 80%#ʻ ;02%40ʻ 1, !!8ʻ 0!02$'70ʻ'-ʻ>)LPʻ $,0ʻ&*-'# 80%#ʻ'-ʻ>))Mʻ$,0ʻ+:, 4 #0ʻ80%#ʻ %-5ʻ'-ʻ>)PMʻ$,0ʻ+'-.!0ʻ%;+ !*$0ʻ #0U*'#040-$ $,%$ʻ #04%'-05ʻ'-ʻ$,0ʻ0-$'#0ʻ2 !!0.0ʻ2 *#+0ʻ/ ʻ -.!'+,ʻ ʻ/'2 *!5ʻ;0ʻ%-$'2:%$05ʻ;8ʻ%-ʻ0-9 $#%-20ʻ0E%4'-%$'-ʻ -8ʻ-0ʻ1,ʻ1'+,0+ʻ$ʻ 6 !! 1ʻ'-ʻ50$%'!ʻ$,0ʻ5070!:40-$ʻ6ʻ$,0ʻ+8+$04ʻ %$ʻ %#7%#5ʻ !!0.0ʻ*-50# $,0ʻ !0%50#+,':ʻ 6ʻ #0+'50-$ʻ !' $ʻ+, *!5ʻ#0%5ʻ1'$,ʻ2%#0ʻ,'+ʻ%--*%!ʻ #0:#$+ʻ%-5ʻ$,+0ʻ 6ʻ$,0ʻ 0%-ʻ 6ʻ %#7%#5ʻ !!0.0ʻ ;*-5%-$ʻ 4%$0#'%!+ʻ %#0ʻ$,0#0ʻ%!!ʻ 6ʻ.#0%$ 7%!*0ʻ$ʻ40-ʻ6ʻ070#8ʻ+,%50ʻ6ʻ:'-'-ʻ #0.%#5'-.ʻ$,0ʻ40#'$+ʻ 6ʻ$,0ʻ+8+$04ʻ$,%$ʻ #0+'950-$ʻ !' $ʻ+ʻ! -.ʻ%-5ʻ+ʻ%;!8ʻ5060-505

(ʻ .! ʻ ʻ ʻ % /ʻ ,0ʻ #09 6 #4ʻ 4 7040-$+ʻ 6ʻ$,0ʻ$,'#5ʻ502%50ʻ 6ʻ$,0ʻ -'-0$00-$,ʻ20-$*#8ʻ10#0ʻ-ʻ$ʻ2 -6'-05ʻ$ʻ ,%#9 ! $$0+7'!!0ʻ%-5ʻ %4;#'5.0ʻ -ʻ>)NOʻ$,0ʻ6'#+$ 7!*40ʻ6ʻ$,0ʻ (ʻC 0 ʻ/ 0(ʻ 2%!!05ʻ6 # #06 #4+ʻ'-ʻ$,0ʻ0+$%;!'+,05ʻ+8+$04ʻ 6ʻ 2 !!0.'%$0ʻ 05*2%$'-ʻ -ʻ $,0ʻ +%40ʻ 7!*40ʻ %:$%'-ʻ %#$#'5.0ʻ%57 2%$05ʻ 20#$%'-ʻ #06 #4+ʻ 1,'2,ʻ,0ʻ,%5ʻ%!#0%58ʻ%2,'0705ʻ'-ʻ,'+ʻ+2, !ʻ%$ #$,6'0!5ʻ $ʻ -ʻ $,%$ʻ '-+$'$*$'-ʻ 1,'2,ʻ ;02%40ʻ #1'2,ʻ -'70#+'$8ʻ-0'$,0#ʻ$,0ʻ:#9 .#%4ʻ-#$,0ʻ!0-.$,ʻ 6ʻ$,0ʻ2*#+0ʻ1%+ʻ:#09 +2#';05ʻ $ʻ1%+ʻ'-ʻ>)NQʻ%!+ʻ$ʻ,%$ʻ$,0ʻ$#*+$00+ʻ 6ʻ 15 '-ʻ !!0.0ʻ7 $05ʻ$ʻ0+$%;!'+,ʻ%ʻ:#9 60++ #+,':ʻ'-ʻ4 50#-ʻ!%-.*%.0+ʻ%-5ʻ$ʻ$%30ʻ*:ʻ $,0ʻ 1, !0ʻ U*0+$'-ʻ 6ʻ$,0ʻ2*##'2*!*4ʻ'-ʻ% $, # *.,. '-.ʻ 4%--0#ʻ ʻ 601ʻ 80%#+ʻ !%$0#ʻ $,0ʻ '+'$'-.ʻ 4 4'$$00ʻ2,%-.05ʻ$,0'# 0%#!'0# $0-$%$'70ʻ+*..0+$'-+ʻ$ʻ%ʻ502!%#%$'-ʻ'-ʻ6%7 # 6ʻ0!02$'70ʻ+$*5'0+

-ʻ$,0ʻ+%40ʻ80%#ʻ>)NOʻ$,0ʻ6%2*!$8ʻ 6ʻ 49 ,0#+$!!0.0ʻ:*;!'+,05ʻ%#0:#$ 2!0%#!8ʻ+0$$'-.ʻ 6#$,ʻ$,0ʻ-005ʻ 6ʻ% 4 #0ʻ!';0#%!ʻ%54'-'+$#%$'-ʻ 6ʻ$,0ʻ2 !!0.0ʻ2*##'2*!*4ʻ -0ʻ 6ʻ$,0ʻ#0+*!$+ʻ 1%+ʻ$,0ʻ%5 :$'-ʻ 6ʻ$,0ʻ6'#+$ 2!0%#!8ʻ2 -20'705ʻ 5'7'+'-ʻ 6ʻ2 !!0.0ʻ+$*5'0+ʻ'-$ʻ%2!%++'2%!ʻ2 *#+0 %-5ʻ% +2'0-$'6'2ʻ 2 *#+0ʻ ,0ʻ :#07' *+ʻ 80%#ʻ +$*50-$+ʻ%$ʻ 4,0#+$,%5ʻ;*$ʻ% +'-.!0ʻ :$'- Rʻ#02'$%$'-+ʻ'-ʻ 0;#01ʻ$1'20ʻ%1003ʻ'6'50+'#05 Sʻ '$,'-ʻ%601ʻ80%#+ʻ$,0ʻ1, !0ʻ2 !!0.,ʻ1%+ʻ%.%'-ʻ 2-6'-05ʻ$ʻ -0ʻ#'.'5!8ʻ:#0+2#';05ʻ2 *#+0

1%#5ʻ$,0ʻ4'55!0ʻ 6ʻ$,0ʻ20-$*#8ʻ$,0ʻ 4 +$ 0-!'.,$0-05ʻ*$$0#%-20+ʻ2 -20#-'-.ʻ$,0ʻ 40#'9 2%-ʻ2 !!0.0ʻ10#0ʻ4%50ʻ;8ʻ #%-2'+ʻ %8!%-5ʻ #0+'50-$ʻ 6ʻ # 1-ʻ -'70#+'$8ʻ -ʻ,'+ʻ 0 ʻ ʻ ʻ+ ʻ ʻ.! 6ʻ,0ʻ:# $0+$05ʻ %.%'-+$2 -$'-*'-.ʻ$ʻ6 #20ʻ%!!ʻ+$*50-$+ʻ$,# *.,ʻ %!!ʻ +*;&02$+ʻ#0.%#5!0++ʻ 6ʻ$,0ʻ'# '-$0#0+$+ʻ%'4+ʻ # 2%:%2'$'0+ʻ 0ʻ+, 105ʻ, 1' +*:0#6'2'%!ʻ -0%#!8ʻ%!ʻ'-+$#*2$'-ʻ,%5ʻ;02 40ʻ;02%*+0ʻ6ʻ$,0ʻ 70#! %505ʻ 2*##'2*!*4ʻ -'ʻ !!0.0ʻ6 # 0E%4:!0ʻ'-ʻ>)MPʻ40-$'-05ʻ$,'#$8?$,#00ʻ+*;9 &02$+ʻ6 #&*-'#+ʻ%-5ʻ+0-'#+ʻ %#87'!!0ʻ !!0.0ʻ '-ʻ 0--0++00ʻ:#0+2#';05ʻ+070-$8?+070-ʻ+*;9 &02$+ʻ6 #%!ʻ+$*50-$+ʻ #0+'50-$ʻ %8!%-5ʻ5099 2!%#05ʻ$,%$ʻ$,0ʻ%4 *-$ʻ$,%$ʻ2 !!0.0+ʻ10#0ʻ$#89 '-.ʻ$ʻ $0%2,ʻ*-50#ʻ$,0ʻ:#0+2#';05ʻ#0.'40ʻ,%5ʻ 5 *;!05ʻ'6- $ʻ$#0;!05ʻ1,'!0ʻ$,0ʻ$'40ʻ%7%'!%;!0ʻ #04%'-05ʻ0E%2$!8ʻ$,0ʻ+%40ʻH 00ʻ ʻ

* ʻ # ʻ ʻ 5ʻ $ʻ 1%+ʻ'-07'$%;!0ʻ $,%$ʻ+*2,ʻ:# .#%4+ʻ+, *!5ʻ;#0%3ʻ5 1-ʻ 6ʻ$,0ʻ# 1-ʻ 10'.,$ʻ ʻ ʻ

* # ʻ+ *ʻ /ʻ ʻ ' %'/ ʻ 2 4:%#'+ -ʻ 6ʻ$,0ʻ2 *#+0+ʻ 6ʻ+$*58ʻ'-ʻ$,0ʻ5'660#0-$ʻ 2 !!0.0+ʻ%-5ʻ*-'70#+'$'0+ʻ 6ʻ$,0ʻ -'$05ʻ $%$0+ʻ#09 70%!+ʻ7%#'%$'-+ʻ+.#0%$'$,%$ʻ2 44 -':#'-2':!0+ʻ\ %#0ʻ-$ʻ;7'*+ʻ ,08ʻ7%#8ʻ6# 4ʻ$,+0ʻ'-ʻ1,'2,ʻ $,0ʻ1, !0ʻ2 *#+0ʻ 6ʻ+$*58ʻ'+ʻ:#0+2#';05ʻ$ʻ$ʻ, +0ʻ '-ʻ1,'2,ʻ%!4 +$ 070#8$,'-.ʻ'+ʻ0!02$'70ʻ<%-5ʻ;09 $100-ʻ$,0+0ʻ0E$#040+ʻ$,0#0ʻ%#0ʻ4%-8ʻ6 #4+ʻ%-5ʻ +0!5 4ʻ$1ʻ%!'30ʻ ʻ2 *#+0ʻ 6ʻ+$*58ʻ *+*%!!8ʻ :# 70+ʻ, 1070#ʻ$ʻ ;0ʻ$,0ʻ#0+*!$ 6ʻ%-ʻ%$$04:$ $ʻ2%##8ʻ *$ʻ -0ʻ # 4 #0ʻ 6ʻ6 *# 5'660#0-$ʻ:*#9 :+0+ʻ ,0+0ʻ%#0Tʻ H>Fʻ ʻ'-2!*50ʻ$,+0ʻ+*;9 &02$+ʻ1,'2,ʻ;8ʻ7'#$*0ʻ 6ʻ$,0'# 2 -$0-$ʻ$,0'# :#%29 $'2%!ʻ7%!*0ʻ #$,0'# 7%!*0ʻ6 # 40-$%!ʻ5'+2':!'-0ʻ %#0ʻ#0.%#505ʻ%+ʻ0++0-$'%!ʻ$ʻ%!';0#%!ʻ05*2%$'- HNFʻ ʻ:# 7'50ʻ6 #ʻ%ʻ7%#'05ʻ%-5ʻ;# %5ʻ05*2%9 $'-ʻ%-5ʻ$ʻ:#070-$ʻ$ ʻ0%#!8ʻ%-5ʻ$ ʻ-%## 1ʻ 2-20-$#%$'-ʻ'-ʻ+ 40ʻ -0ʻ+*;&02$ʻ #ʻ6'0!5 HJFʻ ʻ:#070-$ʻ-ʻ$,0ʻ $,0#ʻ,%-5ʻ$ ʻ .#0%$ʻ %ʻ5'66*+'-ʻ 6ʻ066 #$ʻ%-5ʻ$ʻ'-+*#0ʻ% 20#$%'-ʻ %4 *-$ʻ 6ʻ2 -20-$#%$'-ʻ HMFʻ ʻ.'70ʻ$ʻ$,0ʻ +$*50-$%-ʻ:: #$*-'$8ʻ$ʻ0E0#2'+0ʻ,'+ʻ'-5'7'5*%!ʻ :#060#0-20+ʻ%-5ʻ$ʻ 5'+2 70# %-5ʻ5070!:ʻ,'+ʻ +:02'%!ʻ%&'$'$*50+ʻ;8ʻ4%3'-.ʻ+0!02$'-ʻ%4 -.ʻ% -*4;0#ʻ6ʻ5'660#0-$ʻ+*;&02$+ʻ1,'2,ʻ%#0ʻ#0.%#505ʻ %+ʻ ,%7'-.ʻ%:ʻ# E'4%$0!8ʻ0U*%!ʻ05*2%$'-%!ʻ 7%!*0

,0ʻ6'#+$504%-5ʻ'+ʻ:# 7'505ʻ6 #'-'ʻ$,0ʻ # (2 ʻ 0 ʻ1,'2,ʻ%#0ʻ$ʻ;0ʻ6 *-5ʻ'-ʻ:#%2$'9 2%!!8ʻ070#8ʻ2 *#+0ʻ 6ʻ+$*58ʻ ,0ʻ+02 -5ʻ'+ʻ40$ 0'$,0#ʻ;8ʻ:#0+2#';05ʻ2 *#+0+ʻ'-ʻ+070#%!ʻ5'660#0-$ʻ 50:%#$40-$+ʻ #;8ʻ$,0ʻ#0U*'#040-$'$,%$ʻ2 *#+0+ʻ ;0ʻ+0!02$05ʻ6# 4ʻ0%2,ʻ #+070#%!ʻ 6ʻ% -*4;0#ʻ 6ʻ 5'660#0-$ʻ.# *:+ʻ #ʻ6'0!5+ʻ ,0ʻ$,'#5ʻ'+ʻ:#9 7'505ʻ6 #;8ʻ, !5'-.ʻ$,0ʻ+$*50-$ʻ$ʻ$,0ʻ2 49 :!0$'-ʻ 6ʻ% -*4;0#ʻ #+0#'0+ʻ 6ʻ2 *#+0+ʻ'-ʻ -0ʻ #4 #0ʻ+*;&02$+ʻ1,'2,ʻ%#0ʻ'-ʻ+ 40ʻ2%+0+ʻ:#09 +2#';05ʻ%-5ʻ'-ʻ $,0#ʻ0!02$'70ʻ ,0ʻ6 *#$,ʻ6'-5+ʻ +2 :0ʻ'-ʻ$,0ʻ6#00ʻ0!02$'70ʻ2 *#+0+ʻ%-5ʻ *+*%!!8

#$,0# +:02'6'2 :# 7'+' -' 6 # 5'+$#';$' -' '+ :#0+0-$ *+*%!!8' ;*$ - $ '-7%#'%;!8

,0' 6#00' 0!02$'70+' 4 %8' 6'2 *#+0' ;0'04 :! 805' '-' $,0' 5'#02$' -' 0'$,0# 6' .#0%$0# 5'+$#';*$' -' # 6' .#0%$0# 2 -20-$#%$' -

-5'7'5*%!' '-+$%-20+' 7%#8' .#0%$!8' %-5' ;06 #0' 2 4 :%#'-.' #0:#0+0-$%$'70' 2%+0+' '$' 1'!!' ;0' 10!!' $ ' 2 -+'50# 4 #0' 2! +0!8' + 4 0' 6' $,0' 0!04 0-$+' '-' $,'+' $8:0' 6' 2*##'2*!*4

>' + (2 ' (0 ' %#0' %' 2,%#%2$0#'+$'2+$'$*$' -' 6'% 0 '6 # %' 02: (' #0:#0+0-$+' $,0' 60%$*#0' $, *.,' '-' + 4 0' 2%+0+' $,08' %#0' 70#8' 601' '-' -*4;0#' ,0' +*;&02$+' 1,'2,' %#0' :#09 +2#';05' 070-' 6 # $,0' ' 50.#00' %#0' +0!5 4' 0E%2$!8' $,0' +%4 0' '-' %-8' $1 ' '-+$'$*$' -+' %-5' '-' 4%-8' 2%+0+' $,0' 5'660#0-20+' %#0' 70#8' .#0%$' -.!'+,' 2 4 :+'$' -' '+' $,0' -!8' 2 *#+0' :#09 +2#';05' '-' 4 #0' $,%-' -0' ,%!6' 6' $,0' -'-0$8?$1 ' !0%5'-.' '-+$'$*$' -+' #0:#0+0-$'-.' %!!' $8:0+' ;*$ -.!'+,' '-2!*5'-.' 4 :+'$' -' # '$0#%$*#0' # ,0$ #'2' #%-8' $1 ' #%!!' 6' $,0+0' '+' :#0+2#';05' '-' 0'.,$8?+070-' 6' $,0' -'-0$8?$1 ' %$'-' '+' :#0+2#';05' 6 # $,0' ' 50.#00' '-' $,'#$8? -0' *$' 6' -'-0$8?$1 ' #003' '-' -!8' $,'#$00-' #0-2,' '-'+'E' 0#4%-' '-' +070-' %6 #0'.-' !%-9 .*%.0' 1'$,' # 1'$, *$'+ 4 0'2, '20' %+' $ ' 1,'2,' '$' +,%!!' ;0' '-' +070-$8?+070-' #'. - 4 0$#8' '+' :#0+2#';05' '-' 6 #$8? -0' 6' $,0' -'-0$8?$1 ' + !'5? .0 4 0$#8' '-' $10-$8?+070-' %57%-205' %!.0;#%' '-' $,'#$8?+070-' %-%!8$'2%!' .0 4 0$#8' '-' $,'#$00-' 2%!2*!*+' '-' $,#00' 4%$,04%$'2+' '-2!*5'-.' -0' # 4 #0' 6' $,0+0' '-' +'E$8?+070-' '+' %#*!0' $,0' +*;&02$+' 1,'2,' %#0' :#0+2#';05' %#0' $, +0' 1,'2,' 10#0' %':%#$' 6' $,0' 2*##'2*!*4' 6' ,%!6' % 20-$*#8' %.' $, *.,' +070#%!' -010#' +*;&02$+' %::0%#' '-' $,0' !'+$' %-5' -0' 6' $,04' :,8+'2%!' 05*2%$' -' #%-3+',.,' '-' $,0' !'+$' 6' :#0+2#';05' +*;&02$+

,0' 6 !! 1'-.' $%;!0',1+' $,0' 6#0U*0-28' 1'$,' 1,'2,' % 601' 20#$%'-' ;# %5!8' 506'-05' +*;&02$+' %::0%#' %+' :#0+2#';05' +$*5'0+' '-' 6 *#' 5'660#0-$' 2!%++0+' 6' '-+$'$*$' -+

, ! : ' *' *' ! ' / ' ' ' $ ' ' #

M> -5 105 !!0.0+	>M -5 105 -'70#9 +'$'0+	P !!0.0+ ' # 40-	NP $%$0 -'70#9 +'$'0+
'+$ #8	>P	L	0	>Q
,'! + :,8' ' ' '	>O	)	)	)
H ''!' ' $; F				
+82,! .8' '	>)	N	0	>
';!0' !*58' '	>O	>	0	
%$*#%!' 2'0-20' '	NO	>>	P	>Q
#0'.-'!%-.*%.0' '	JN	>N	P	NM
-.!'+,'	JL	>M	P	NL
%$,04%$'2+' ' '	JN	>K	L	>P
,8+'2%!' 5*2%$' -'	>P	L	J	>N

;&02$+' %-5' # *:+' /' '+$ #8' %-5' 4%$,09 4%$'2+' 4%8' ;0' #0.%#505' %+' 02: (% ,0' $0#4' R -%$#%!' +2'0-20+S' +004+' #%$,0#' $ ' '-5'2%$0' % 0 ' 6' +*;&02$+' # *:+' 6' +*;&02$+' 10#0' $,0' '-07'$%;!0' *$2 40' 6' $,0' %$$04:$'$ '.#%-$'+ 40' 6#005 4' 6' 2, '20' 1'$, *$'.'7'-.'*:' %!$ .0$,0# 20#$%'-' 3'-5+' 6' +*;&02$' 4%$$0#' # 6' 5'+2':!'-0' -' -%$*#%!' +2'0-20' + 40' 2 !!0.0+' :#0+2#';0' :,8+'2+' + 40' 2,04'+$#8' + 40' #0U*'#0' -0' # $,0' $,0#' + 40' #0U*'#0' -0'6# 4' % .# *:' 1,'2,' '-2!*50+' %!' $,0' -%$*#%!' +2'0-20+' ,0' $0-50-28' ,%+' *+*%!!8' ;00-' $ 1%#5' %-' 0-!%#.040-$' 6' +*2,' .# *:+' !'4'$05' '-' 4%-8' 2%+0+' -!8' ;8' !%23' 6' 0U*':40-$%-5' 6' $0%2,'-.'6 #20' ,0' 0E'+$0-20' 6' :#0+2#';05' 02: (' '-' % 2*##'2*!*4' '4:!'0+' $,%$' $,0#0' %#0' 20#$%'-' +:02'6'2' $,'-.' 1,'2,' $,0' , !50#' 6' % ;%2,0! #%' 50.#00' +, *!5' 3-1' #+, *!5' ,%70' !0%#-05' $ ' 5 ' ,0' +*;9 7'01' $,%$' ,0' +, *!5' 3-1' % 20#$%'-' 9 ' 6' $,'-.' 1'$,' $,0' :#'7'!0.0' 6' + 40' 50.#00' 6' 2, '20' %+' $ ' 1,'2,' $,'-.' 6' $,%$' 3'-5' ,0' +,%!!' +$*58

,0' 2*##'2*!*4' 6' !*4;'% !!0.0' #0U*'#0+' $,%$' 070#8' 2%-5'5%$0' 6 # $,0' ' 50.#00' +,%!!' +$*58' -.!'+,' 2 4 :+'$' -' %-5' !'$0#%$*#0' $#'. - 40$#8' +!'5'.0 40$#8' %57%-205' %!.0;#%' *# :0%-' ,'+$ #8' !.'2' %-5' +2'0-$'6'2' 40$, 5' 20#$%'-' %$'-' %*$, #+' $1' 80%#+' 6' #0-2,' ' 0#4%-' :,8+'2%!' 05*2%$' -' %-5' -0' # 4 #0' 6' % .# *:' 6' !%; #%$ #8' +2'0-20+

,0' 2*##'2*!*4' %$' %#7%#5' #0U*'#0+' $,0' +$*950-$' $' +$*58' #,0$ #'2' %-5' -.!'+,' 2 4 :+'9 $' -' %-5' #0-2,' # 0#4%-' %-5' $ ' +0!02$' +$*5'0+' 6# 4' (' 6' 6 *# 5'660#0-$.# *:+' 7'G

H>F %-.*%.0+'!'$0#%$*#0'6'-0'%#$+'%-5' 4*+'2

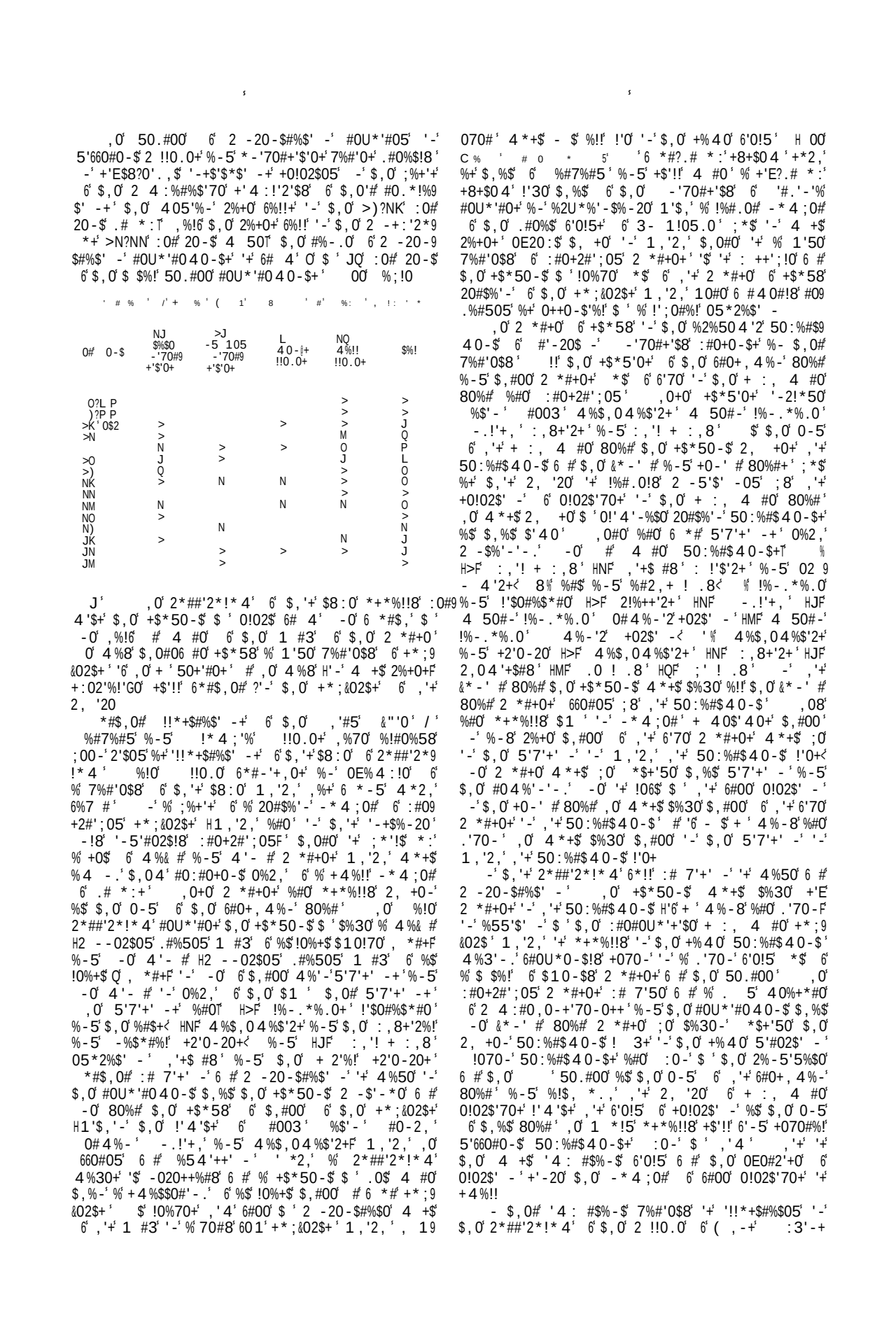
HNF %$*#%!' +2'0-20+

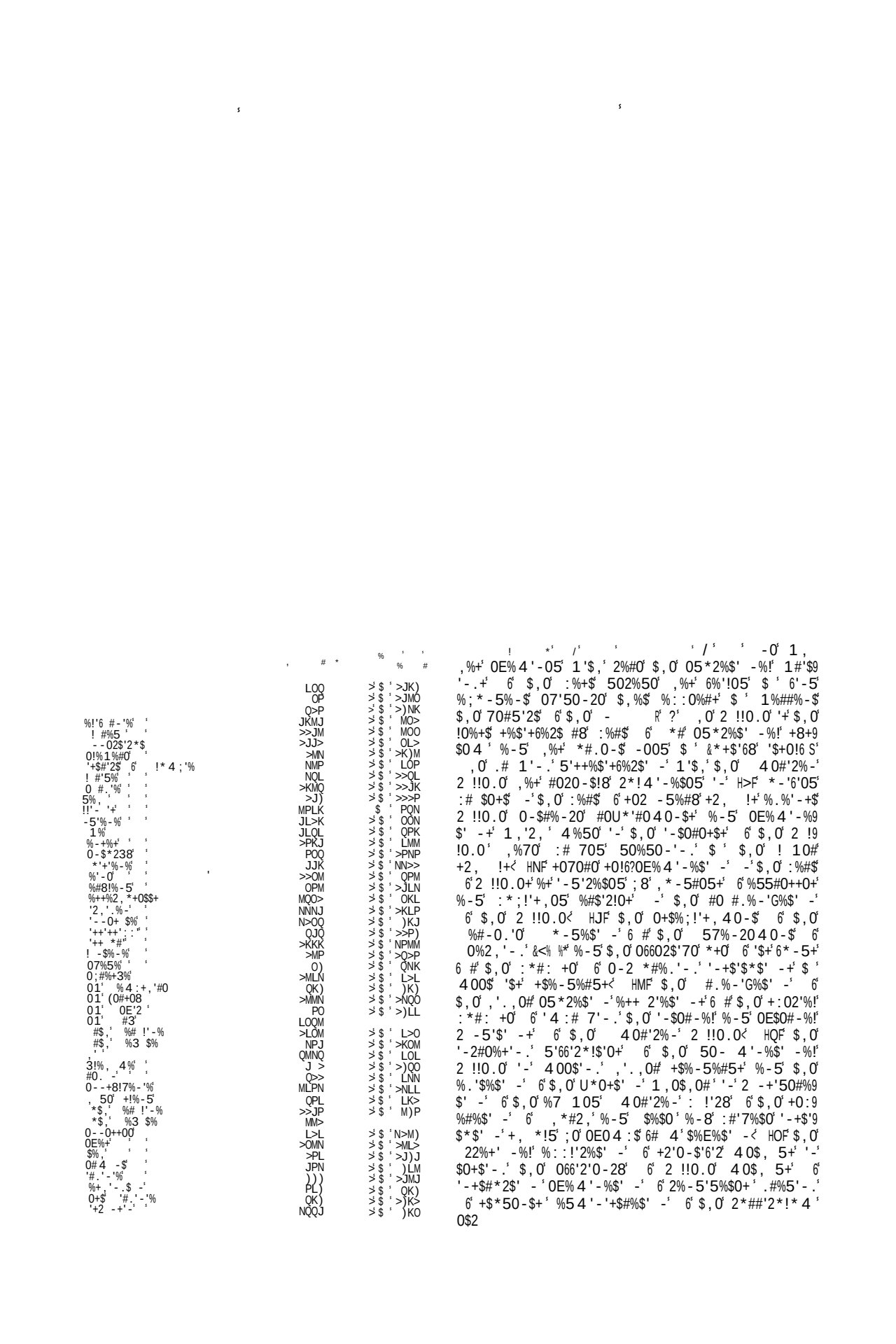
HJF '+$ #8' %-5' !'$'2%!' %-5' + 2'%!' +2'0-20+

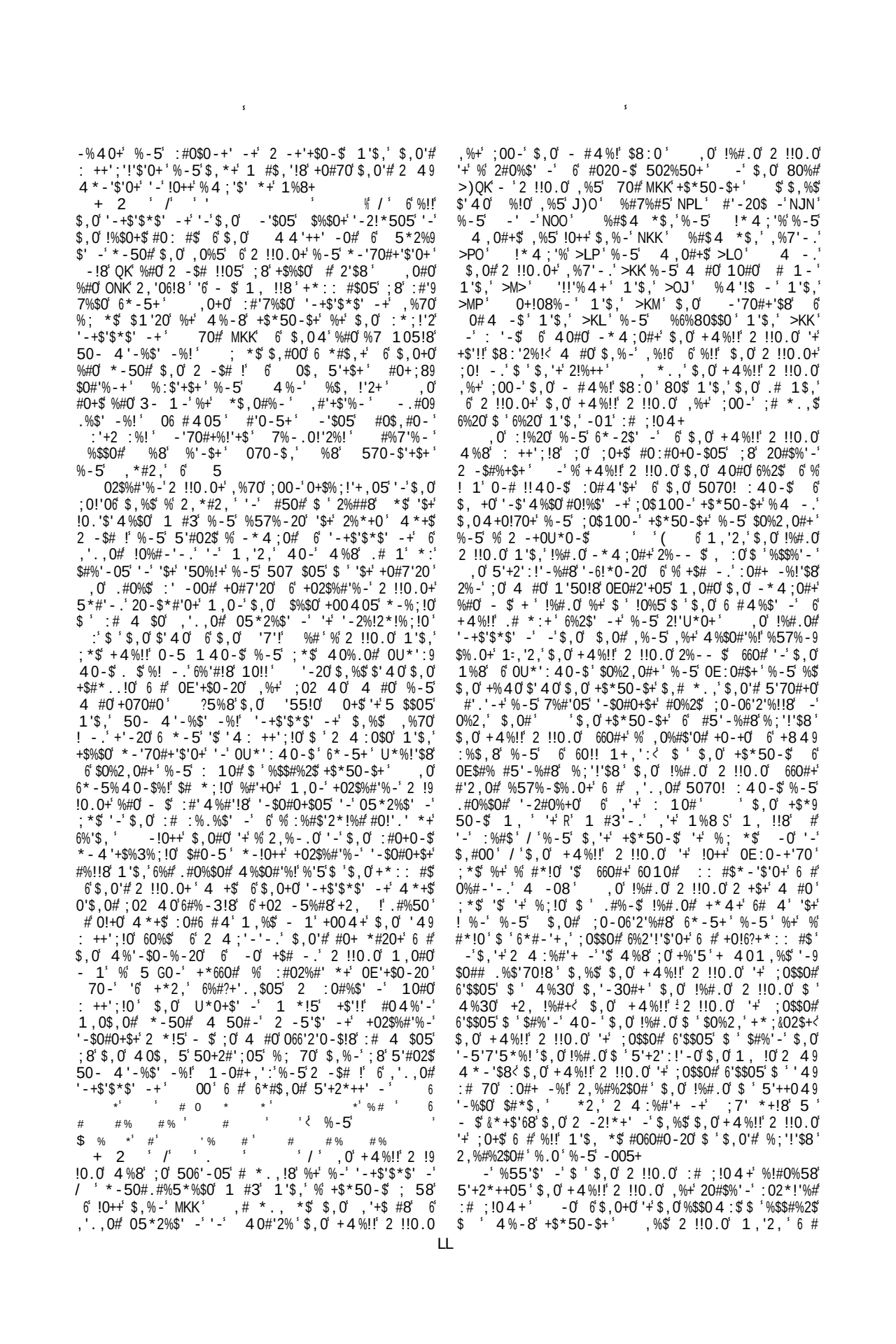
HMF ,'! + :,8' %-5' 4%$,04%$'2+

-'0%2,' 2%+0' $,0#0' '+' :# 7'+' -' 6 #' +$*58' '-' 20#$%'-' :%#$'2*!%#' 6'0!5+' %-5' 6 #' %;# %5' 2 *#+0' 6' +$*58' %#7%#5' ;7' *+!8' %!! 1+' $ ' $,0' +$*50-$' % 1'50#' !%$'$*50' '-' $,0' +0!02$' -' 6' 1,%$',0' +,%!!' +$*58' '-' % .'70-' 6'0!5' 0' -005' - $' +$*58' :,'! + :,8',' +$ #8' - # !%-.*%.0+' '6',0' :#060#+' 4%$,04%$'2+' :!'$'2%!' +2'0-20' %-5' $,0' 6'-0' %#$+' ,0+0' $1' 2 *#+0+' 6' +$*58' #0:#0+0-$'$8:'2%!' 40$, 5+' 6 # +02*#'-.' ;#0%5$,' %-5' $8:'2%!' %$$'$*50+' 1'$,' #060#0-20' $ ' $,0' U*0+0$' -' 6' '-5'+:0-+%;!0' +*;&02$+

N' + '/' (% /' ,0' 60%$*#0' 4 +$' 2 4 4 -'$ '%!!' 2%+0+' 6' $,'+' $,'#5' $8:0' '+' $,0' 40$, 5' 6' :# 7'5'-.' 6 # 2 -20-$#%$' -' 40' :# 7'+' -' 4%8' ;0' 4%50' %+' 10' ,%70' &*+$' +00-' ;8' 40%-+' 6' :#0+2#';05' 2 *#+0+' ;*$' '-' %55'$' -' $ ' $,0+0' $,0' +$*50-$' '+' #0U*'#05' $ ' +:02'%!'G0' $ ' % 20#$%'-' 0E$0-$'-' -0' # 4 #0' +*;&02$+' 1,'2,' ,0' '+' :0#4'$$05' $ ' +0!02$' 1'$,' 4 #0' # !0++' 6#005 4' ,0' 2 *#+0+' 4%3'-.'*:' $,0'+:02'%!'G05' 1 #3'-'%.'70-'+*;&02$ H%' : ' # ' +*;&02$F 4*+$' #5'-%#'!8' 6 #4' % +09 U*0-20' #;0' 6' .#%505' 5'66'2*!$8' -!8' % 4'-'9 4*4' 6' $,0' 1 #3' 4%8';0' 6' %-' 0!040-$%#8' 2,%#%2$0#' %#7%#5' - 1' #0U*'#0+' $,%$' +'E 2 *#+0+',*!5';0' $%30-'-' -0' 50:%#$40-$' # #02 .-'G05' 6'0!5' 6 # 5'+$'-2$' - !*4;'% #0U*'#0+' $1' $,#00?80%# +0U*0-20+' H%' +0U*0-20' '+' 4%50' *:' 6' 2 --02$05' 2 *#+0+' 6' .#%505' 5'66'2*!$8'-' -0' 50:%#$40-$F' -0' 6' 1,'2,' 6 # $,0' ' 50.#00' 4*+$';0' 2, +0-'6# 4' % .# *:' '-2!*5'-.' !%-.*%.0+' !'$0#%$*#0' ,'+$ #8' %-5' :,'! + :,8' #-0!!' #0U*'#0+' $0-' 80%#?, *#+' 5*#'-.'$,0' &*-' # %-5' +0-' # 80%#+' '-' -0' 6' $10!70' .# *:+







$,0 +%30 6 -*4;0#+ 6%!!+ ;0! 1 $,0 0-$#%-20 +$%-5%#5 6$,0 2 !!0.0+ 1'$,1,'2,'$2 4:0$0+ 0'$,0# '-0-$#%-20 #0U*'#040-$+ # '-%22#05'$'-.* -+%$'+6%2$ #8 +2, !+ '+ '- 5%-.0# *2, % 2 *#+0 40%-+ % $04: #%#8 '-2#0%+0 6$,0 0-9 # !!40-$;*$%:0#4%-0-$! 10#'-. 6$,0 2 !9 !0.0 +$%-5%#5

+02 -5 5%-.0# !'0+ '- %; #$'70 %$$04:$+ $;02 40 % *-'70#+'$8 ,0 .#0%$0+$ + *#20 6+$#0-.$,!'0+'-5 '-.10!!:#02'+0!8$,%$3'-5 6 1 #3 1,'2,*-'70#+'$8 2 -5'$' -+#0-50# 4 #0 5'66'2*!$ -'$+ 50+'#0 $ 300:*:1'$,$,0 $'40+ %-5 $ $,'230-'$+ 2%$%! .*0 '$ +, *!5 - $0-2# %2, -',0 1 #3 1,'2,''-$,0# 2 *-9 $#'0+%-5 6 #40#!8''-$,'+2 *-$#8 1%+#0.%#505 %+ $,0 5'+$'-2$'70 :# 7'-20 6$,0 *-'70#+'$8 70#8 2 !!0.0 6 2 -+'50#%;!0 #0+ *#20+'-6*-5+ '+'-5%-.0# 6 660#'-.'$+ +$*50-$+ 4 #0 $,%-$,08 2%-'-:# 6'$%;!8 #020'7:0 :# 7'50 $02,-'9 2%!'$#%'-'-.6 # *-50#.#%5*%$0+ $ $$$04:$ $ 2 4:0$0 1'$,$,0 *-'70#+'$8 '+ $ 4'+2 -9 20'70 $,0 :*#: +0 6$,0 +4%!!' 2 !!0.0 660# +*2,'+*;&02$+ $ $,0 601 1, 1'+,$ #04%'-6 # .#%5*%$0 1 #3 '+;08 -5 $,0 40%-+ 6 4 +$ 2 !!0.0+ %-5 ;08 -5 $,0 :# :0# +2 :0 6%!! ,0 +4%!! 2 !!0.0 10+4 +$ 6$,0 $'40 %-5',.,0+$ +0#7'20 6'$+ 6%2*!$8 $ $,0 *-50#9 .#%5*%$0+

$,'#5 5%-.0# 4%8 ;0 6 *-5 '-'-$0#2 !9 !0.'%$0 %$,!0$'2+ -$,0 50.#%5%$' -6+2, !%#9 +,':+$%-5%#5+6 # $,0 1, !0 2 !!0.0 $,'+ % 6%2$ # 1,'2,%!! ;*$ $,0 ;!'-5 2%-+00 ;*$ 1,'2, -!8 $,0 ; !5 %23-1!05.0 $ $,%$ $,0 %$,!0$0+ %+ % 1, !0 +$%-5 2 -+:'2* *+!8 ! 10# '-+2, !%#+,':$,%-$,0 $,0# +$*50-$+ %+ % 1, !0 ,0 5%-.0# !'0+'-$,0 '-6!*0-20 6 0E20++'70 '-$0#0+$ '-'-$0#2 !!0.'%$0 .%40+ -$,0 $ +$*50-$;58 %-5 '-$,0 '-9 6!*0-20 -$,0 4'-'4*4'0-$#%-20 %-5 2 !!0.0 #0U*'#040-$+ 6$,0 50+'#0 $ 1'-%$ %-8 2 +$ H 00 '*' '% # % 5 ,'+ '+:%#$'2*!%#!8 $#*0 1,0-$,08:0#+'+$ '-'2 49 :0$'-.1'$,*-'70#+'$'0+ 1,'2,5#%1$,0'# $0%4+ 6# 4 $0-$'$'40+$,0 -*4;0# 6 40-%-5 $,08 %#0 2 -+$%-$!8 *-50# :#0++*#0 6# 4 $,0'# R 6#'0-5+S %-5 $,0'# 1-4'+$%30-' -9 $' -+ $ %54'$ %-5 #0$%'- 40-1, +0 -!8 U*%!'6'2%$' -'+:# 6'2'0-28 -$,0 5'%4 -5 # .#'5'# -

1 #0%+ -+1,'2, ,%70 ,'$,0#$ '-5*205 40-'$ 2, +0$,0 !%#.0# %-5 !50# '-+$'$*$' -+ ,%70 ;00-:#0+$'.0 %-5 05*2%$' -%!%57%-9 $%.0 *$,0#0 2%-';0 -$'-*05 4 -:!8 6 0'$,0# ,0 5'660#0-20 '-':#0+$'.0 /'5*0 $ %.0 %-5 $ $,0 6%40 6 %!*4-/ ,%+;00- .# 1'-.!0+$,# *.,$,0 80%#+ *$ -1$,%$ $,0#0 %#0 70#)KK 2 !!0.0+'-$,0 -'05 $%$0+ $,0 '-6!*0-20 6:#0+$'.0 '-'50$0#4'-'-.$,0 2, '20 6% 2 !!0.0 '+ -$ + 2 -+:'2* *+!8 '-6%7 # 6% 601 '-+$'$*$' -+ $# -.0# 4 $'70+ %#0 . 70#-'-.'$?5%8

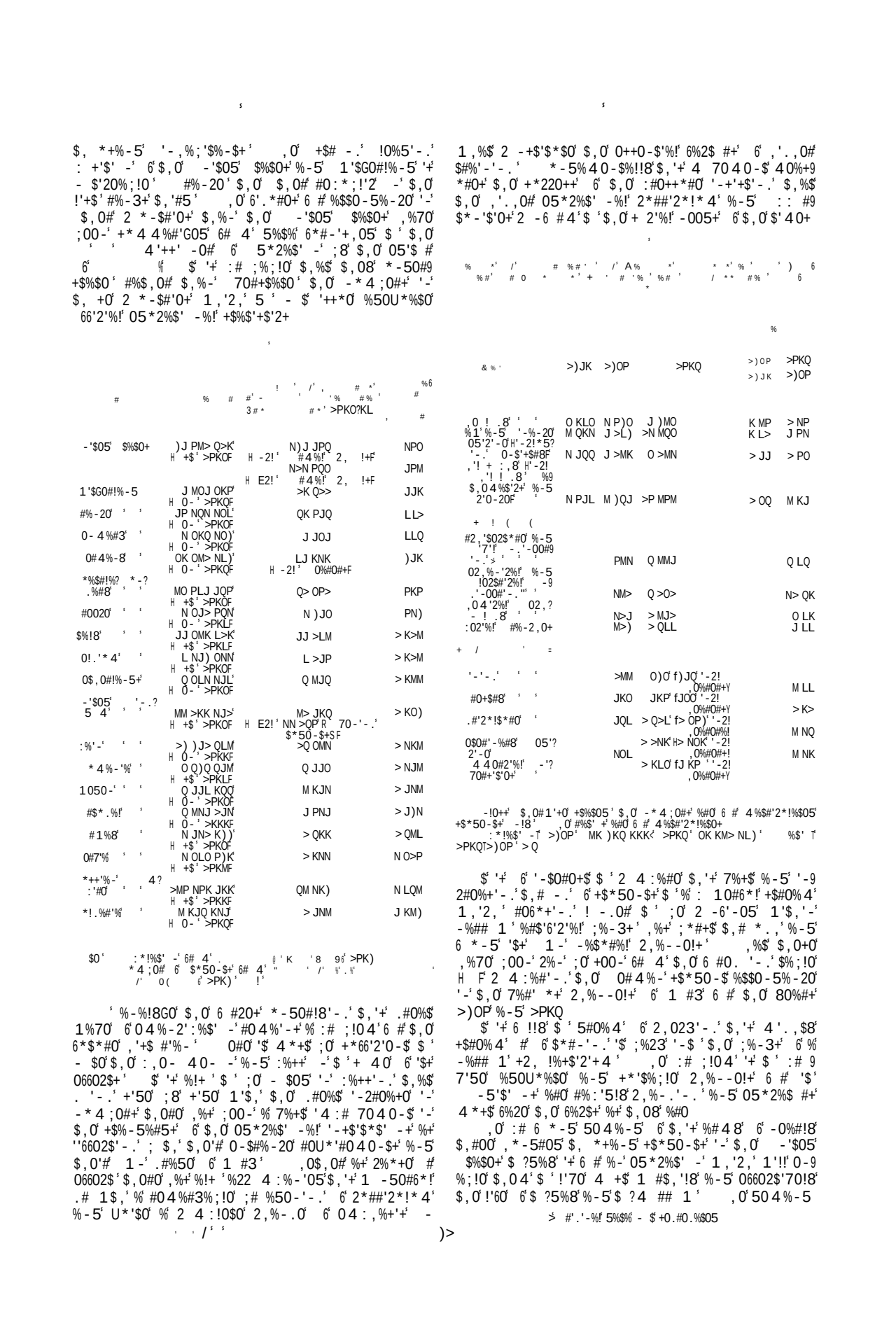
,0 *-50- 4'-%$' -%! +4%!! 2 !!0.0 1,'2, #06*+0+ $! 10# '$+ +$%-5%#5 6# 4 %-8 -$' - 6$,0'4: #$%-20 6 40#0 -*4;0#+ 1,'2,509 507 $0+ '$+ 0-0#.'0+ $ '$+ 1-4'++' - %+ $,0

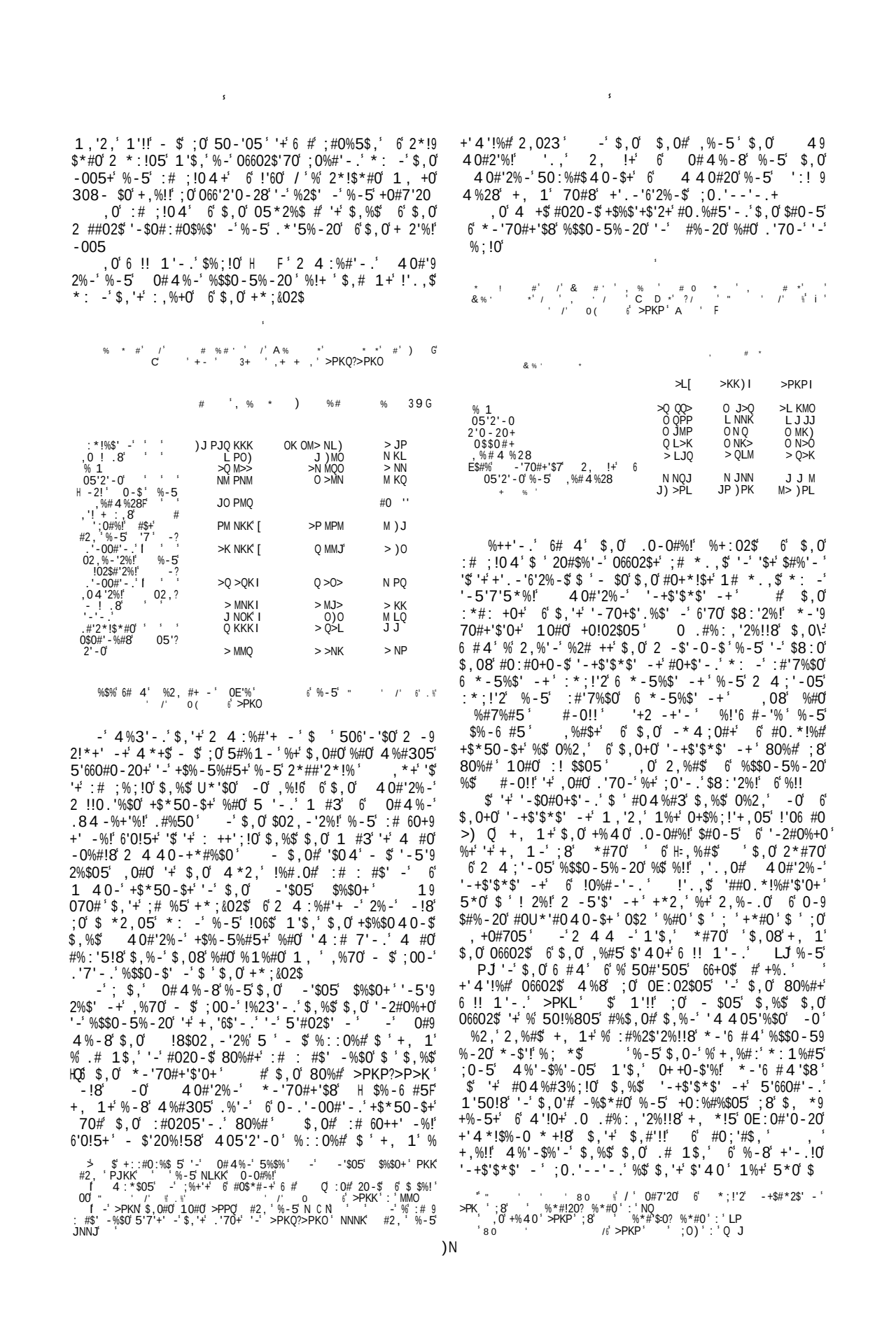
4%30# 6 40-%-5 !0%70+ $ $,0 *-'70#+'$8 '$+ 1-5'5'+$'-2$ 1 #3 6 4%3'-.'+:02'%!'+$+ 1,'2, .*%#5+ %.%'-+$ $,0 07'!%-5 04:! 8+$,0 . 5 '-%$,!0$'2+ 1,'2,'07%50+ $,0 $04:$%$' - $ +,'6$%-8 2 -+'50#%;!0 :%#$ 6'$+ $0%2,'-.*: -'-0E:0#'0-205 *-50#:%'5 %-5 $04: #%#8 %+9 +'+$%-$+ 1,'2,'+00+ $,0 0E$#%7%.%-20 6+:0-59 '-.'!%#.0 +*4+ 6 # 6'-0 ;*'!5'-.+ %-5 +4%!! +*4+ 6 # +$# -.'$0%2,0#+ 1,'2,'%7 '5+ $,0 !%#.0?2 !!0.0 $0-50-28 $ '+*;+$'$*$0 402,%-'+4 6 # :0#+ -%!'$8 '- %54'-'+$#%$' - 1,'2,'+ 80%#!8 %+070#0# 2#'$'2 6 '$+0!6 $,%-%-8 *$9 +'50 %.0-2'0+ +*2, %2!!0.0 :0-$ $,0 %22#05'$05 .#%5*%$0+ 6 070#8 %:: # 705 ,'., +2, ! 660#'-.'%601 0!02$'70 2 *#+0+'-$,0 4 +$ '4: #$%-$;#%-2,0+ 6 +$#'2$!8 2 !!0.0 +$*58 $%*.,$ $ +4%!!.# *:+;8 +2, !%#+1, %#0 6'#+$ 40-. 70#-05 ;8 :0#+ -%! 3'-5-0++ #%$,0# $,%-;8 .0-0#%!' #*!0+ 0-2 *#%.'-.' 7%#' *+ +$*50-$ %2$'7'$'0+ 1,'2, 2%!! 6 # $,0 0E0#2'+0 6 070#8 1 #$,8 6%2*!$8 6 070#8 +$*50-$,%+ %:!%20 + +02*#0 %-5 + '4: #9 $%-$ $,%$ %!! $,0 $0-50-2'0+ ?5%8 '-!%#.0 2 !!0.0+%-5'-:# 60++' -%+2, !+ %#0 +0#7'-. -!8 $ +$#0-.$,0-$,0 +4%!! 2 !!0.0 6$,'+ $8:0 %.%'-+$ '$+ #0%! %-5 +*::+05 5%-.0#+

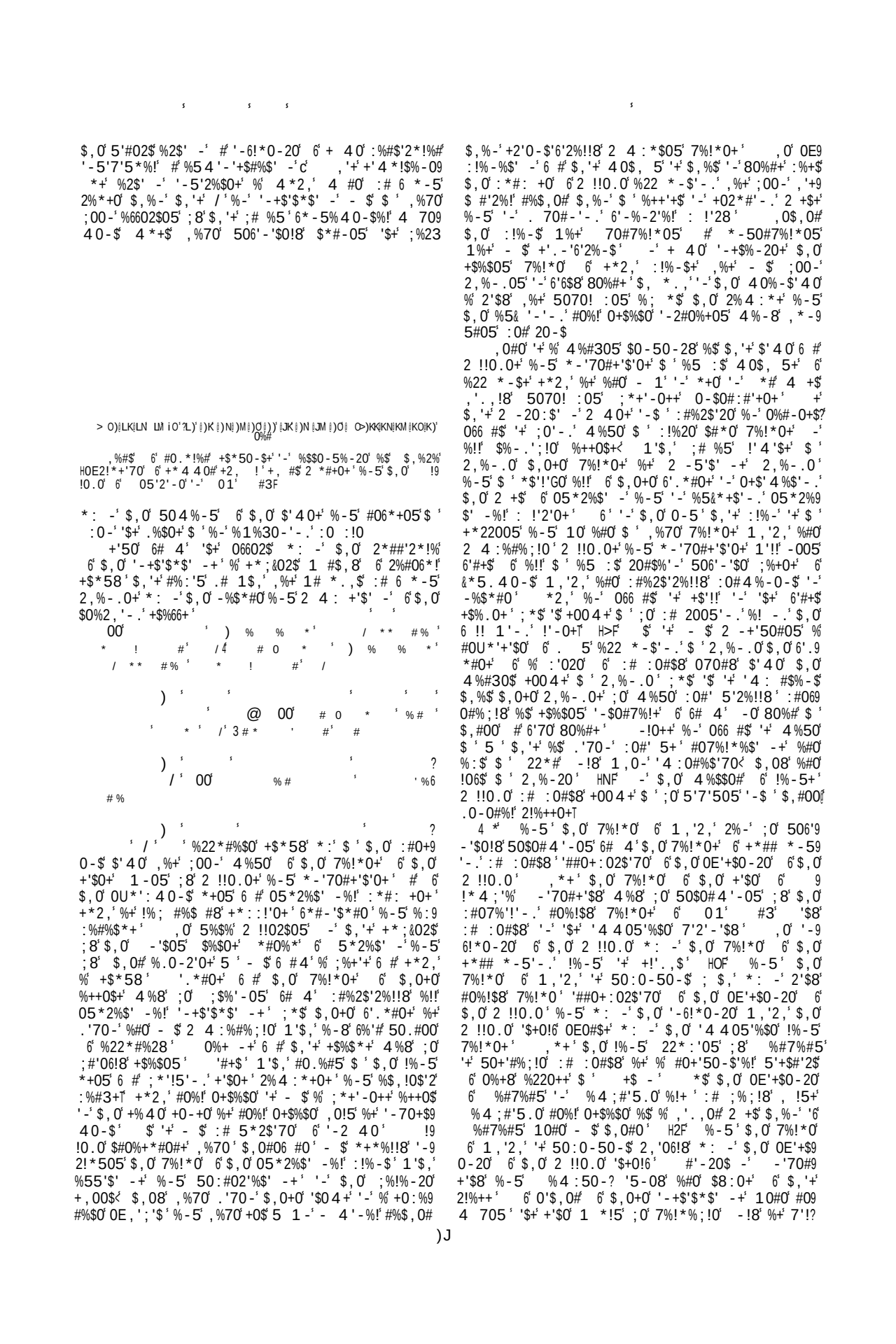
+ 2 % / ,0#0 %#0 4%-8 $,0# 2 !!0.0:# ;!04+$,%$,%70 ;00-4*2, 5'+2*++05 6 !%$0 %-5 $,%$ -005 6*#$,0# '49 :%#$'%! %-5 U*%-$'$%$'70 '-70+$'.%$' - $ '+ ;08 -5 $,0 +2 :0 6$,0 :#0+0-$ 1 #3 $ 5 4 #0 $,%-#060# $ 4 +$ 6$,0+0 $:'2+%-5 -5'2%$0 $,0 4%'-+ *#20+ 6'-6#4%$' -2 -9 20#-.'$,04 $:'2%! *$!'-0 6$,0 4%$9 $0#+2 -+'50#05'-'-$,0 2 " H>PK)? >PKP ::PL?NKO '+$,0 ;0+$ %7%!%;!0 +*#708 6$,0 :# ;!04+$,%$ $?5%8 2 -6# -$ $,0 +$*9 50-$ 6$,0 40#'2%-2 !!0.0

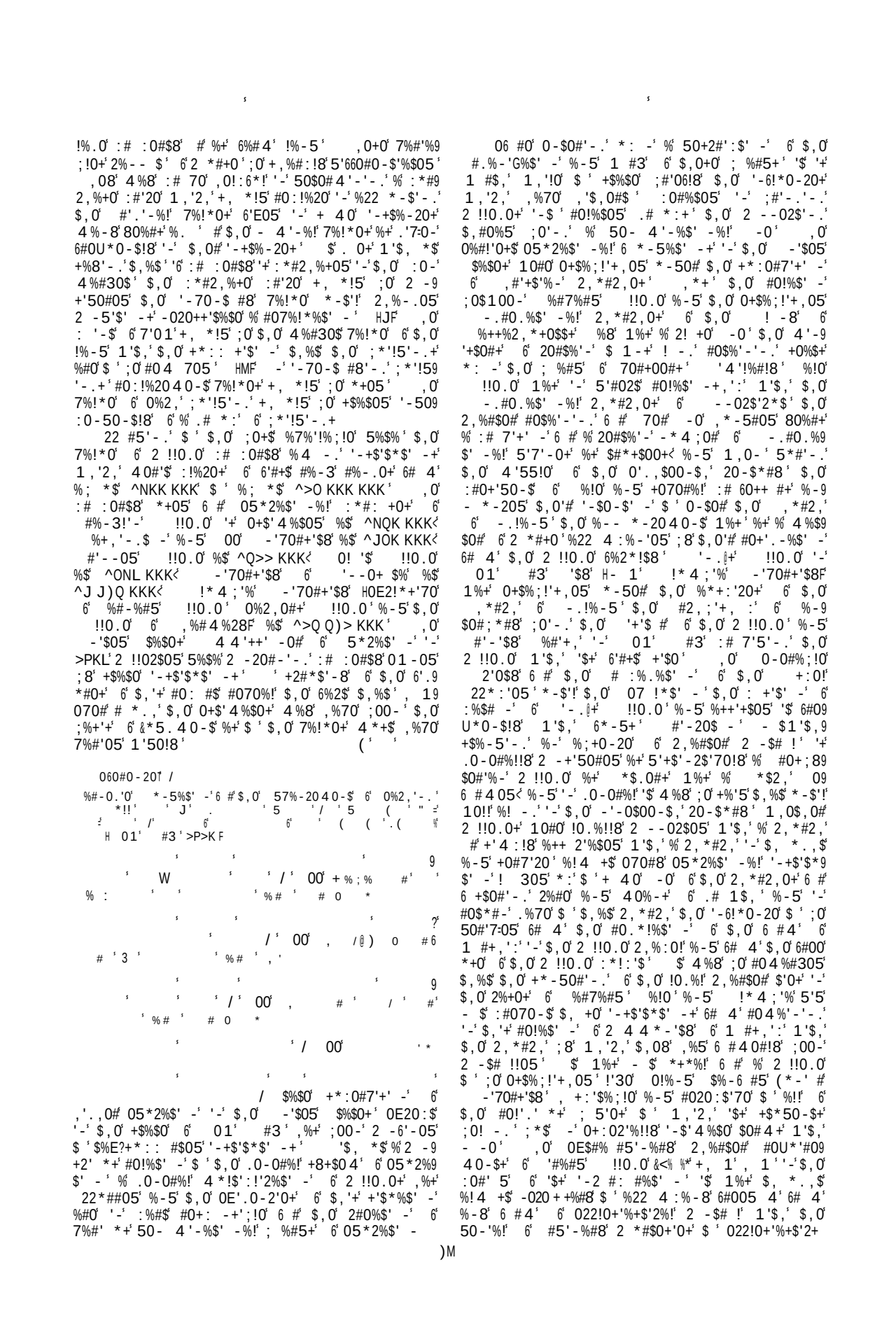
,0]*%!'$8 6$,0 *$:*$
,0 #, !%+$'2 66'0'2-08 6$,0 #%5*%$0+
>' -' #%5*%$0 2, !+
N' -' # 60'1' -%!' 2, !+
J' -' 02,-'2%!' 2, !+
220++' 6$,0 #%5%$0+'-' 2$'70 '60
>' 2%$' -%!' *222 ++
N' -' !'$'2+'%-5 $%$0+4%-+,':
J' -' 2'%!' 0#7'20
0-0#%!' -$0!!02$*%!' 66'2'0-28
,0 5*2%$'70 # 20++'-$,0 !!0.0
,0 70#-40-$ 6$,0 !!0.0
>' ,0 #*+$00+
N' ,0 E02*$'70 44'$$00
,0 54'-'+$#%$' -' 6$,0 !!0.0
>' ,0 #.%-'G%$' -' 6 54'-'+$#%$' -
HgF 66'20#+
HhF $%-5'-.' 44'$$00+
H2F ,0 %2*!$8
N' -+$#*2$'70 54'-'+$#%$' -
J' *$'-0 54'-'+$#%$' -
H F :0#%$' -'1'$,'$,0 $#*+$00+
HOF 0.*!%$' -' 6'-+$#*2$' -
H>F 02#' $'-.'$,0 $0%X:,'-'' +$%6'6
HNF 0-*#0 6 66'20 6$0%25'0#+
HJF 5&*+$40-$ 6'1 #3 6$0%2,0#+
HMF 4:0-+%$' -' 6$0%2,0#+
HQF %2%$' -+' 6$0%2,0#+
HOF *:0#7'+' -' 6$0%2,'-.
HLF -$# !' 6$,0'2*##'2*!*4
H F '#02$' -' 6$,0'+*440#+0++' -
HPF 70#+'.,$ 6 .#%5*%$0 '-+$#*2$' -

LP

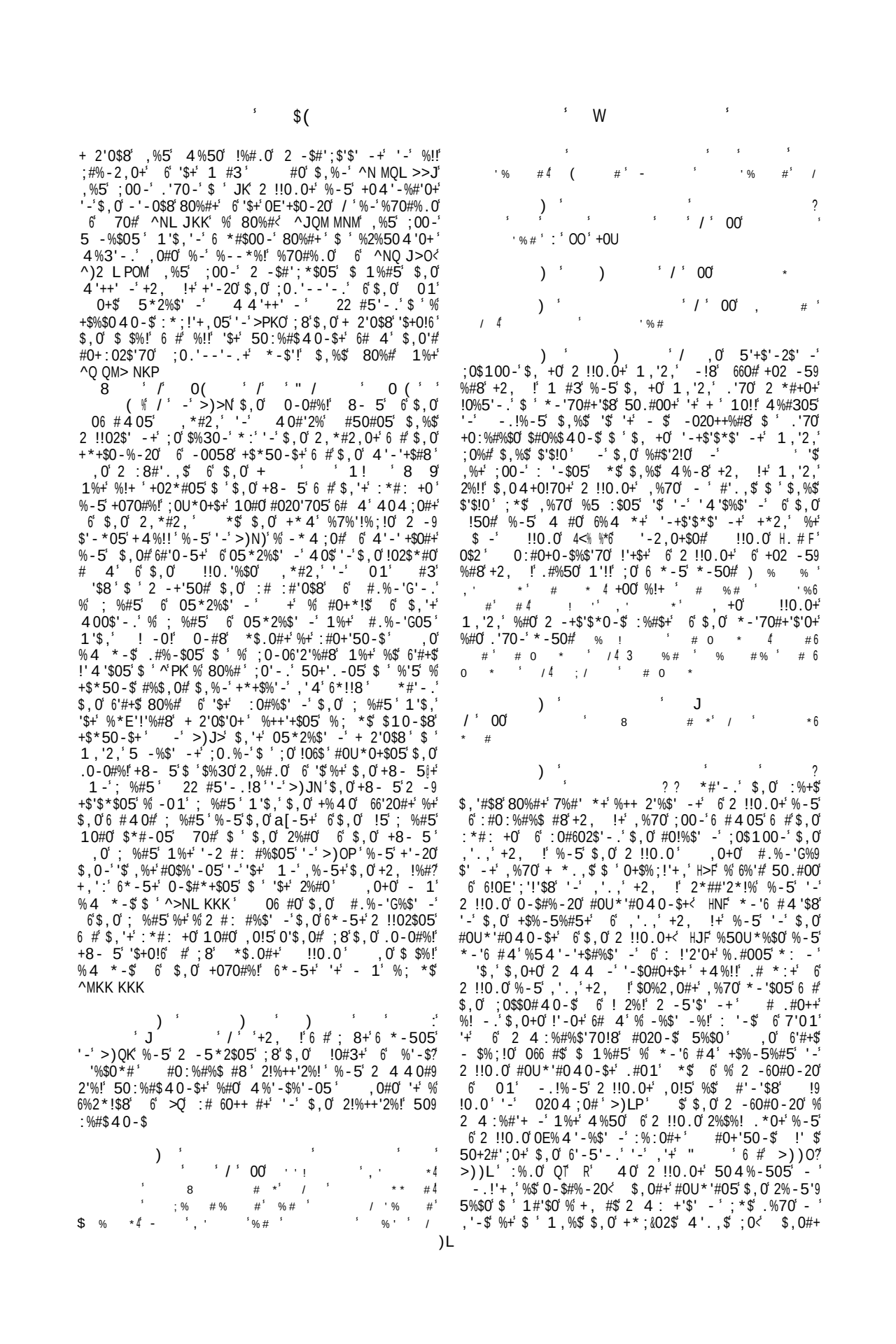








-s $,0s 4%-s %$, !'2s '-+$'$*$' -+s $,0s 2 -9 -02$' -s 1'$,s $,0s 2, *#2,s '+s %+s % #*!0s 4%'-9 $%'-05s $,# *.,s $,0s 1-0#+,':s 6s $,0s 0-$'#0s :# :0#$8s 6s $,0s 2 !!0.0s # *-'70#+'$8s ;8s -0s 6s $,0s #0!'.' *+s #50#+s ,*+s $,0s 6'#+$s 4%-s %$, !'2s 2 !!0.0s '-s $,0s -'$05s $%$0+s 1%+s 6 *-505s ;8s $,0s (0+*'$s %$,0#+s 1,0-s $,08s +02*#05s %2,%#$0# 6 # 0 #.0$ 1-s -'70#+'$8s %-5s %$s $,0s :#0+0-$s $'40s $,'+s #50# %-5s + 40s 6s $,0s $,0# #50#+s :%#$'2*!%#!8s $,0s ,#'+$'%-s # $,0#+s 4<% %*6 2 4<% !' %s -*4;0# 6s 05*2%9 $' -%!'-+$'$*$' -+s +2%$$0#05s 70# 4%-8s +$%$0+s $s 1%+s - $s *-$'!s >)PPs $,%$s %!!s 6s $,0s 4%-s %$, !'2s 2 !!0.0+s 10#0s ;# *.,$s '-$s 's '-$'4%$0s #0!%$' -+,':s 1'$,s 0%2,s $,0# $,# *.,s $,0s 6 #4%$' -s ;8s OJs 2 !!0.0+s *-50# $,0s .*'59 %-20s 6s $,0s #02$ # 6s $,0s %$, !'2s -'70#9 +'$8s 6s 40#'2%s 6s %-s ++ 2'%$' -s 6s %$, !'2s !!0.0+s 6s $,0s -'$05s $%$0+s 4<% %*% ,0s 2! +0s *-' -s ;0$100-s $,0s 2 !!0.0+s 6s %s 4%-s %$, !'2s #50# '+s $,*+s $,0s 6'#+$ '!!*+$#%$' -s 6s 1,%$s ,%+s ;00-s 6 # % 2 -+'50#%;!0s $'40s $,0s : !'28s '-s +070#%!s # $0+$%-$s 2,*#2,0+s $,# *.,s $,0'# 05*2%$' -%!s + 2'0$'0+s # 2 !!0.0s ; %#5+s ,0s ++ 2'%$' -s 6s %$, !'2s !!0.0+s '-s $,0s -'$05s $%$0+s '+s -s $,0s $,0# ,%-5s #%$,0# % 6050#%$' -s 2 ##0+: -5'-.s $s $,0s ,'s $%$0s ++ 2'%$' -s 6s !!0.0+s # $,0s ++ 2'%$' -s 6s !!0.0+s 6s $,0s '55!0s $%$0+s %-5s %#8!%-5s 6 # '$ 2 -20#-+s '$+0!6 1'$,s :05%. .'2%!s U*0+9 $' -+s %-5s 4%$$0#+s 6s '-$0#2 !!0.0s 2 4'$8s 4 #0s $,%-s 1'$,s : !'2'0+s 6s 2 !!0.0s %54'-'+$#%$' -s %-5s02 - 48s %#$!8s *$s 6s $,0s !%23s 6s *-'$8s %4 -.s 2 !!0.0+s 6s $,0s +%40s50- 4'-%$' -s .#01s $,0s '50%s 6s %20-$#%!s ; %#5s 1,'2,s 4'.,$s ,%70s +*:0#7'+' -s %$s !0%+$s 6s % 20#$%'-s+ #$s 70# %!!s $,0s 2 !!0.0+s %-5s*2, !+s 6s %.'70-s50- 4'-%9 $' -s 6s $,0+0s $,0s 4 #0s'4: #$%-$s %#0s $,0s #0+;8$0#'%-s !!0.0s %#5s$,0s %#5s 6s 5*9 2%$' -s 6s $,0s 0$, 5'+$:'+2 :%!s ,*#2,s $,0s %#5s 6s 5*2%$' -s 6s $,0s 0$, 5'+$s :'+2 :%!s ,*#2,s *$,s $,0s -.#0.%$' -%!s 5*2%$' -s 2'0$s %-5s $,0s %#5s 6s 5*2%9 $' -s 6s $,0s 06 #405s ,*#2,s'-s 40#'2%s 6s 1,+0s #.%-'G%$' -s %-5s 05*2%$' -%!s : !'28s ;#'06s 50+2#':$' -+s 6 !! 1 + 2! s s 8 % / s #.%-'G05s '-s >))J s;8s $,0s 0-0#%!s ++04;!8s 6s $,0s #0+;89 $0#'%-s ,*#2,s'-s $,0s -'$05s $%$0+s 6s 40#'2%s *-50# $,0s -%40s 6s $,0s #0+;8$0#'%-s %#5s 6s '5s6 # !!0.0+s%-5s 2%504'0+s -s506'-'-.s $,0s :*#: +0+s 6s $,'+s #.%-'G%$' -s+:02'%!s 04:,%+'+s 1%+s :!%205s *: -s $,0s 1'+5 4' 6s 0+$%;!'+,'-.s 2 !!0.0+s'-'+:%#+0!8s+0$$!05s%-5s #%:'5!8s.# 1'-.s 10+$0#-s +$%$0+s ,'+s : !'28s 1%+s $s %++'+$s $,0s 4'++' -%#8s 4 7040-$s;8s$#%'-.s*:'s$,0s 4'-'+9 $0#+s %-5s 4'++' -%#'0+s -'s $,0s .# *-5s ,0s ; %#5s %+s - 1s2 -+$'$*$05s 2 -+'+$+s 6s NM 4049 ;0#+s -0s,%!6s 6s 1, 4s+,%!!s ;0s !%840-'s ;s, 4'-'+$0#+s %-5s !%840-'s $s ;0s 0!02$05s ;8s $,0s 0-0#%!s ++04;!8s ,0s :#'-2':!0+s*-50# 1,'2,s $,0s ; %#5s 1'!!s 0's,0# %'5s 2 !!0.0+s 5'#02$!8s # 0-50%7 #s s '-6!*0-20s .'6$+s $s $,04s %#0!s H>Fs ,0s 2 !!0.0s 4*+$s #0U*'#0s 6s %!!s +$*50-$+s ;09 6 #0s .#%5*%$' -s %+$*58s 6s $,0s ';!0s %$!0%+$ 0U*'7%!0-$s 5*#'-.s $,0s 0-$'#0s 2 *#+0s $s >MMs , *#+s HNFs 70#8s $0%2,0#'-s $,0s 2 !!0.0s 4*+$s ;0s 20#$'6'05s $s s $,0s ; %#5s %+s ;0'-.s 6s :0-s ,#'+$'%-s :# 60++' -s%-5s: ++0++'-.s%2$*%!s+:'#9 '$*%!s '-6!*0-20s 1'$,s +$*50-$+s HJFs 2 !!0.0s %++'+$05s #0-5 105s;8s$,0s; %#5s+,%!!s+003s$,0s 2 -70#+' -s%-5s$,0s 2 -+02#%$' -s 6s 070#8s+$*9 50-$s %+s '$+s :#'40s;*+'-0++s :0#%$'-.s 1'$,s $,0s; %#5s %$s $,'+s $'40s %#0s Qs 2 !!0.0+s ,0s 66'20+s %#0s %$s >QOs '6$,s 70-*0s 01s #3s '$8 8 s /s 0(s /s s s (# s 0 (% /s #.%-'G05s;8s%2 44'$$00s 6s$,0s 0-0#%!s -60#0-20s 6s>)OM$ s 2 -+'50#$,0s5'+9 : +'$' -s 6s4 -08+s#%'+05s%+s05*2%$' -%!s6*-5+s ,0s; %#5s;0.%-s'$+s1 #3s1'$,s%6*-5s 6^)MKKKs +'E+070-$,+s 6s1,'2,s,%5s;00-s2 -$#';*$05s%+s% :%#$s 6s$,0s *-5%8s2, !s,'!5#0-%+s *-5s -s >)PNs$,0s 0-0#%!s -60#0-20s4%50s's,0s5*$8s 6s070#8s:%+$ #s%30s%-s%--*%!s2 !!02$' -s',+s2,*#2,s6 #s$,0s6*-5s%-5s$s6 #1%#5s'$$s s$,0s %#5s 6s 5*2%$' -s ,0s4 -08s$,*+s2 !9 !02$05s1%+s$s;0s*+05s;8s$,0s; %#5s6 #$,0#0!'06 6s: # +2, !%#+s%-5s6 #s$,0s5070!:40-$s 6s .0-0#%!05*2%$' -%!s'-$0#0+$+s -s$,'+s80%#s%!+s $,0s %#5s 6s 5*2%$' -s 1%+s #50#05s;8s$,0s 0-0#%!s -60#0-20s$s%:!8s20#$%'-s#0.*!%$' -+s 6s$,0s -'70#+'$8s 0-%$0s6s$,0s -60#0-20s'-s #0.%#5s$s2 !!0.0s+$%-5%#5+s ,0s -'70#+'$8s 0-%$0s2 -+'+$+s 6s>Qs404;0#+s%!s 6s1, 4s %#0s:#0+'50-$+s #,0%5+s 6s 0$, 5'+$s2 !!0.0+s #*-'70#+'$'0+s ,0s6 !! 1'-.s#0+ !*$' -s'+'+'.-'6'9 2%-$s 6s$,0s1 #3s 6s$,0s; %#5s, %$s1,'!0s$,0s -'70#+'$8s 0-%$0s'+s-80s#0%58s$s:#0+2#';0s %+s%-s'4405'%$0s #0U*'#040-$s% 40%+*#%;!8s ,'.,0#+$%-5%#5s6 #$,0s2 !!0.0+s-s$,0s 66'2'%!s !'+$s'$'+s500405s;0+$s%57'+0s!s *# '-+$'9 $*$' -+s$s4 70s%+s+:005'!8s%+s :++';!0ss,0s 6 !! 1'-.s+$%-5%#5s H>Fs $,0s #0U*'#040-$s %6*!!s6*#?80%#:#0:%#%$ #8s2 *#+0s6 #0-9 $#%-20s$s$,0s6#0+,4%-s2!%++s HNFs $,0s #09 U*'#040-$+s6s6*!!s6*#80%#+s6s2 !!0.'%$0s1 #3s %+s!0%5'-.s$s$,0s;%2,0!#+s50.#00s/s$,0s2 *#+0s $s'-2!*50s-!8s+*2,s+$*5'0+s%+s:#:0#!8s;0!-.s '-s$,0s2 !!0.0s6s!';0#%!s%#$+s HJFs $,0s #09 U*'#040-$s6s%6%2*!$8s6s-$s!0++s$,%-s+'E :#60++ #+'.'7'-.s$,0'#$'40 0E2!*+'70!8s$s2 !9 !0.'%$0s%+s5'+$'-.*'+,05s6# 4s:#0:%#%$ #8s 1#3s HMFs $,0#0U*'#040-$s6s-$!0++s$,%-s QKs+$*50-$+s#0.*!%#!8s0-#!!05s'-s$,0s6*# 2 !!0.0s2!%++0+s HQFs $,0#0U*'#040-$s6s-$!0++s$,%-s^NKKKKs%+s%2$*%!s:# 5*2$'70s0-5 19 40-$%+s-020++%#8s$s.'70s%-s'-+$'$*$' -s+$%;'!9 '$8s%-5s$s +02*#0s6 #'s,0s2 -6'50-20s 6s'$+s 2 -+$'$*0-28 8 s /s 0(s /s s s (s 0 (6s. 0 % /s #.%-'G05s;8s$,0s 0-0#%!s -60#0-20s1,'2,s40$'-s 04:,'+s 0--s '-s$,0s+:#'-.s6s>)PMs ,0s%'4s6s$,0s; %#5s '+s6'#+$s$s:# 4 $0s$,0s0-5 140-$s 6s0E'+$'-.s 2 !!0.0+s1,'2,s,%70s$,0s0!040-$+s 6s+*220++s %-5s$,0s -020++%#8s2 -5'$' -+s 6s *+06*!-0++< +02 -5's$s'#0:#0++s$,0s$0-50-28s$s 4*!$':!8s'-9 +$'$*$' -+s 1'$,s'-%50U*%$0s :# +:02$+s 6s +*:9 :#$< $,'#5s$s'0-2 *#%.0s$,0s0+$%;!'+,40-$s 6



2%!!05'6 #'% 3- 1!05.0' 6'6 #4%!' .#%44%#' %-5' - $,'-.' 0!+0< $,0#+'6 #' ; $,' .#%44%#' %-5' 24: +'$' -' 40' 6'$,0'0E%4'-%$' -':%:0#+' %+305'U*0+$' -+' 1,'2,'2 *!5' - $' ;0' 6*!!8' %-9 +10#05'1'$, *$' % 4'-*$0' 3- 1!05.0' 6' :#09 +2#';05'$0E$+' #' 6'5'66'2*!$' : '-$+'-'.#%44%#< $,0#+' %+305'U*0+$' -+'*'$05'$' ' $,0' 2%:%2'$8' 6'.#%44%#' +2, !' #' 070-' :#'4%#8' +2, !' :*:'!+S' ,'+'2 -60#0-20'!05'$' ' $,0'%5 :$' -' ;8'$,0' 01' --!%-5'2 !!0.0+' 1'$,' $,0'0E20:9 $' -' 6' %!0' 6'%*-'6 #4'#0U*'#040-$'-' --.9 !'+, ' ,0' --!'+,' #0U*'#040-$+' 1,'2,' 10#0' $,0-'-'6 #20'%$' %#7%#5'10#0'%220:$05' -'$,0' -0E$' $,#00' 80%#+'%+'4'!%#*-'6 #4'$8'-'+$%$05' #0U*'#040-$+'6 #' $,0' 2!%++'2+'%-5'6 #' 4%$,09 4%$'2+' 1%+'%22 4:!'+,05'6 #' 01' --!%-5' ,0' 6%'# 50.#00' 6' *-'6 #4'$8' $,*+' :*$' '-$' :#%2$'20'+$'4*!%$05'$,0'6 #4%$' -' 6':0#4%-0-$ #.%-'G%$' -+' 6'+02 -5%#8'+2, !+'%-5'2 !!0.0+' $' $,0' 400$'-.' 6' $,0' %++%2,*+0$$+' !%++'2%!' %-5' '.,' 2, !' 0%2,0#+[++ 2'%$' -''-'>))M' $,0'+02#0$%#8' 6' $,0'%++ 2'%$' -' 1%+'#0U*0+$05' ;8'7 $0' $ ':# :+0' $ ' $,0',0%5+' 6' $,0' 01' --!%-5'2 !!0.0+'%2 -60#0-20'1'$,':#0:%#%$ #8' +2, !' $0%2,0#+' *$' 6' $,'+' 066 #$' .#01' $,0' 6'#+$ #.%-'G%$' -' 6'$,0'3'-5'$,0' 01' --!%-5' ++ 2'%$' -' 6' !!0.0+'%-5' #0:%#%$ #8' 2, !+' ,0' ;&02$' 6'$,0'%++ 2'%$' -' 1%+'+$%$05'$ 'R' ;0' $,0'%57%-2040-$' 6'$,0'2%*+0' 6'!';0#%!'05*2%9 $' -';8'$,0':# 4 $' -' 6'-$0#0+$+'2 44 -' $ ' 2 !!0.0+'%-5':#0:%#%$ #8'+2, !+'S' ,0'4049 ;0#+,':' 6'$,0'%++ 2'%$' -' 1%+' :0-'$ ' %!!' 2 !9 !0.0+'%-5':#0:%#%$ #8'+2, !+' 1'$,'-'$,0'$0##'9 $ #8' '##0+:02$'70' 6' 05*2%$' -%!' +$%-5%#5' #' -*4;0# 6'2 *#+0+' 070-$8?$,#00'2 !!0.0+'%-5' :#0:%#%$ #8' +2, !+' %#0' 0-# !!05'%+' 404;0#+ -'>))L'#0:#0+0-$%$'70+' 6' >Q 2 !!0.0+'-'$,0' +$%$0' 6' 0--+8!7%-'%' 40$' %$' #%-3!'-'%-5' %#+,%!!' !!0.0'%-5'6 #405'$,04+0!70+' '-$' %-'%++ 2'%$' -'$' ;0' 2%!!05'$,0' !!0.0' ++ 2'%9 $' -' 6' 0--+8!7%-'%' ,0' -0E$'80%#'$,0'+2 :0' 6'$,0'%++ 2'%$' -' 1%+'0E$0-505'%-5'$,0' -%40' 2,%-.05'$' $,0' ++ 2'%$' -' 6' !!0.0+'%-5' #0:%#%$ #8' 2, !+'-'$,0' '55!0' $%$0+'%-5' %#8!%-5' ,0' ;&02$'%4 -.' $,0#$,'-.+',%+' ;00-'6# 4'$,0'6'#+$'R'$'2 -+'50#'$,0'U*%!'6'2%9 $' -'6 #'2%-5'5%$0+'6 #'%54'++' -'$'$,0'2 !!0.0+' %-5'$,0' 40$, 5+'6'%54'++' -'S' -8'2 !!0.0' - #4%!'+2, !' #' $,0#'+2, !':#0:%#'-.'+$*50-$+' 6 #'2 !!0.0' 4%8';0'#020'705'-$' 404;0#+,': ,0' ++ 2'%$' -' 6' !!0.0+'%-5' #0:%#%$ #8' 2, !+' 6'$,0' *$,0#-'+$%$0+' 1%+' #.%-'G05'-' $,0'%*$*4-' 6'>)PQ'%$' $!%-$%' %'%$'%4 00$'-.' 6'50!0.%$0+'6# 4'%-*4;0#' 6'+ *$,0#-'2 !!0.0+' %-5'*-'70#+'$'0+' ,0' :*#: +0' 6'$,0' 070-$' -'$,0' 2%:%2'$8' 6'.#%44%#' +2, !' #' 070-' :#'4%#8' +2, !' :*:'!+S' ,'+'2 -60#0-20'!05'$' ' $,0'%5 :$' -' ;8'$,0' 01' --!%-5'2 !!0.0+' 1'$,' $,0'0E20:9 $' -' 6' %!0' 6'%*-'6 #4'#0U*'#040-$'-' --.9 !'+, ' ,0' --!'+,' #0U*'#040-$+' 1,'2,' 10#0' $,0-'-'6 #20'%$' %#7%#5'10#0'%220:$05' -'$,0' -0E$' $,#00' 80%#+'%+'4'!%#*-'6 #4'$8'-'+$%$05' #0U*'#040-$+'6 #' $,0' 2!%++'2+'%-5' 6 #' 4%$,09 4%$'2+' 1%+' %22 4:!'+,05'

HLF ,0’ 2 !!0.0’ 4 *+$’ 4%’-$%’-’ %$’!0%+$’ +070-’+0:%#%$0’ 50:%#$4 0-$+’ #’ 2,%’#+’ %-5’ ’-’ 2%+0’ $,0’ :05%. .’2%!’ 1 #3’ 6’$,0’ ’-+$’$*$’ -’ ’+’ $ ’ ;0’ %220:$05’ 1’$, *$’ 0E9 %4’-%$’ -’ $,0’ 2 !!0.0’ 4 *+$’ 4%’-$%’-’ %$’ !0%+$’ 0’.,$ 2,%’#+’ -0’ 6’ 1,’2,’ +,%!!’ ;0’ 507 $05’ 0E2!*+’70!8’ $ ’ 05*2%$’ -’ #’%$’ 4 +$’$ ’:,’! + :,8’’-2!*5’-’:+82, ! .8’ %-5’05*2%$’ -’ ,0’,0%5+’ 6’$,0+0’50:%#$4 0-$+’+, *!5’ ;0’ 507 $05’$ ’2 !!0.0’ 1 #3’ H)F ,0’ .#%5*%$0+’ 4*+$’ +, 1’$,0’ 2 4:!0$’ -’ 6’%6 *#?80%#’ +02 -5%#8’2 *#+0’ %-5’%’6 *#?80%#’2 !!0.0’2 *#+0’%; 70’$,0’ *+*%!’ 0’.,$.#%50+’ 6’2 4 4 -’+2, !+’%-5’$,0’+$%-5’-.’%-5’2,%#9 %2$0#’ 6’$,0’’-+$’$*$’ -’%-5’$,0’-%$*#0’ 6’’$+’0U*’:40-$’ %-5’1 #3’ 4*+$’ ;0’+*2,’%+’$’0-$’$!0’’$+’.#%5*%$0+’$’ %54’++’ -’$’$,0’.#%5*%$0’2 !!0.0’ 6’$,0’ $%$0’ -’70#+’$8’ 6’ 1%

-’$,0’+$%$0’ 6’ 01’ #3’$,0’50.#00?.#%-$’-.’ : 10# 6’2 !!0.0+’%-5’ *-’70#+’$’0+’ ’+’ *-50# $,0’ 2 -$# !’ 6’$,0’ 0.0-$+’ 6’$,0’ -’70#+’$8’ 6’$,0’ $%$0’ 6’ 01’ #3’ 4<% %’%’ ,’+’ ; %#5’ ,%+’ *$!’-05’ %’ +8+$04’ 6’ R’2 *-$+ S’ %-5’ ’-+$’$*9 $’ -+’ 6’,’.,0# !0%#-’-.’’-’$,0’+$%$0’4 *+$’ #0U*’#0’ 6 # %54’++’ -’ LK’2 *-$+’ ’6’$,08’ %#0’$ ’ .#%-$’ 2 !!0.0’50.#00+’ -’ $,0# 1 #5+’ ;8’!0.’+!%$’70’ : 10# $,0’2 !!0.0+’%-5’ *-’70#+’$’0+’ 6’ 01’ #3’ %#0’ ;%+05’ *: -’%’6 *#?80%#’ ,’.,’+2, !’ +8+$04

!!’ 6’$,0’%++ 2’%$’ -+’&*+$’0-*40#%$05’ ,%70’ 0E0#$05’%-’’4: #$%-$’’-6!*0-20’’-’$,0’# #0+:029 $’70’ $0##’$ #’0+’$ 1%#5’*-’6 #4’$8’%-5’$ 1%#5’ +’-20#’$8’ ’-’2 !!0.0’1 #3’ %2,’ %++ 2’%$’ -’ ,%+’#0+$#’2$05’’$+’ 404;0#+,’:’ -’.0 .#%:,’2%!’ !’-0+’ %-5’0%2,’,%+’5070! :05’1’$,’!’$$!0’#069 0#0-20’$’05*2%$’ -%!’2 -5’$’ -+’ *$+’50’ 6’’$+’ 1-’ ; *-5%#’0+’ ,0’2 4;’-05’066 #$+’ 6’ $,0+0’4 7040-$+’, 1070#’, %70’:#0:%#05’$,0’ 1%8’6 # % -%$’ -%!’%5%:$%$’ -’ 6’20#$%’-’:#%29 $’20+’1,’2,’$,08’,%70’0-2 *#%.05’ #504%-505’ *2,’% 5070! :40-$’’-07’$%;10’’-’7’01’ 6’$,0’ 4%-8’! 2%!’6 #20+’%$’1 #3’ -’$,0’+%40’:# ;!04+’ 6 *-5’ ’$+’6’#+$’0E:#0++’ -’ ’-’$,0’#0: #$’ 6’$,0’ 4 4 ’$$00’ 6’ 0-’1,’2,’1%+’%:: ’-$05’;8’ $,0’ %$’ -%!’ 5*2%$’ -%!’ ++ 2’%$’ -’ ’-’>)PN’ ,’+’2 4 4 ’$$00’1%+’%:: ’-$05’ $ ’6 #4*!%$0’ :!%-+’! 3’-.’$ ’%’.#0%$0# 50.#00’ 6’*-’6 #4’$8’ ’-’ %54’++’ -’ #0U*’#040-$+’ -’ %:: #%2,’-.’ $,0’:# ;!04’$,0’2 4 4 ’$$00’$*#-05’’$+’%$$0-$’ -’ $ ’$,0’50$%’!+’ 6’$,0’2 *#+0+’ 6’+02 -5%#8’+2, !+’ %-5’ ’$+’ #0: #$’ .%70’ %’ $#040-5 *+’ ’4:0$*+’ $ 1%#5’*-’6 #4’ +02 -5%#8’05*2%$’ -’ $’ 1%+’ $,0’ +0-+0’ 6’$,0’2 4 4 ’$$00’$,%$’ $,0’2 !!0.0+’ +, *!5’%5%:$’$,0’#0U*’#040-$+’$ ’$,0’+02 -59 %#8’+2, !+’%%$0#’$,0+0’+2, !+’,%5’;00-’:*$ *: -’%’+ *-5’05*2%$’ -%!’ ;%+’+’ ’$,’ *-’9 6 #4’$8’ ’-’$,0’+02 -5%#8’+2, !+’ *-’6 #4’$8’ ’-’2 !!0.0’0-$#%-20’#0U*’#040-$+’1 *!5’6 !! 1’ %+’% -%$*#%!’+0U*0-20’ ,0’40$, 5+’ 6’%5&*+$9 40-$’ ;0$100-’$,0’2 !!0.0+’%-5’+02 -5%#8’ +2, !+’10#0’!06$’6 #0%2,’2 !!0.0’ #%++ 2’%$’ -’ 6’2 !!0.0+’$ ’+ !70

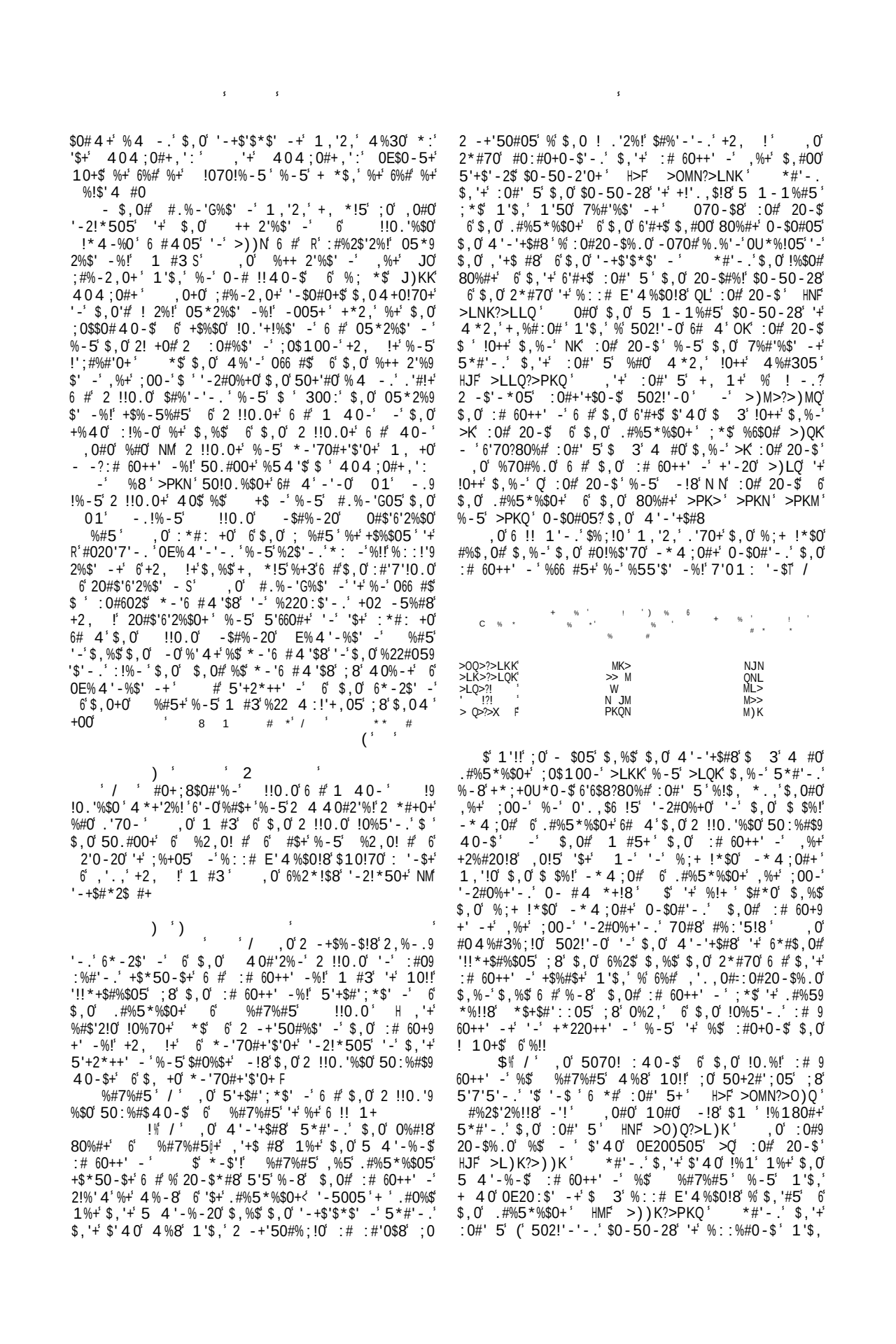
-’>)PQ’$,0’ 4 4 ’$$00’ -’ !!0.0’ -$#%-20’ 0U*’#040-$+’1%+’%:: ’-$05’;8’$,0’ %$’ -%!’ 5*2%$’ -’ ++ 2’%$’ -’$ ’ ’-70+$’.%$0’0E’+$’-.’ 0-$#%-20’2 -5’$’ -+’%-5’$ ’#0: #$’*: -’1%8+’ %-5’40%-+’ 6’+02*#’-.’ *-’6 #4’$8’ ,0’6’-%!’ #0: #$’6’$,’+2 4 4 ’$$00’1,’2,’1%+’’-’:#0:%#%9 $’ -’6 #6 *# 80%#+’ 1%+’ :#0+0-$05’ ’-’ >)PP’ ,0’2 -2!*+’ -+’#’+’-.’ *$’ 6’$,0’’-70+$’.%$’ -10#0’+0$’6 #$,’’-’6 *#$00-’#0+ !*$’ -+’ ,0+0’ #0+ !*$’ -+’6*#-’+,05’%60%+’;!0’40%-+’6’+02*#’-.’ *-’6 #4’$8’%+’ 10!!’%+’ 0!%+$’2’$8’’-’$,0’#0U*’#09 40-$+’ ,0’#0: #$’1%+’$,0’6’#+$+$0:’ -%$’ -%!’ ’-’2,%#%2$0#’$ 1%#5’;#’-.’-.’$,0’,’.,’+2, !+’ %-5’2 !!0.0+’$,# *., *$’$,0’2 *-$#8’’-$’,%#9 4 -’*+’2 :0#%$’ -

,0’ :#%2$’2%!’ %54’-’+$#%$’ -’ 6’ *-’6 #4’ 0-$#%-20’#0.*!%$’ -+’070-’%6$0#’+*2,’#0.*!%9 $’ -+’,%5’;00-’%5 :$05’1%+’+$’!!’$ ’;0’%22 49 :!’+,05’ -’%’!%#.0’40%+*#0’’+’+$’!!’$ ’;0’ %22 4:!’+,05’ -’6 #4’$8’’-’$,0 #8’1’$, *$’ *-’6 #4’$8’’-’ :#%2$’20’ - $’ -!8’ !0%70+’$,0’ :# ;!04’ *-+ !705’;*$’’+’ -0’ 6’$,0’2,’06’ 2%*+0+’ 6’$,0’ +0:%#%$’ -’ 6’ *# 05*2%$’ -%!’ +8+$04’-$ ’ *-#0!%$05’:%#$+’ #0’$,%-’%-8’ $,0# -0’$,’-.’’$’,%+’.’70-’#’+0’$ ’%!%23’ 6’2 -6’50-20’’-’$,0’2 !!0.0+’%4 -.’,’.,’+2, !’ $0%2,0#+’ ’66O#0-$’’-$0#:#0$%$’ -+’ 6’%’*-’9 6 #4’ #0U*’#040-$ 4%8’0%2,’ ;0’ 4%50’ 1’$,’ +’-20#’$8’; *$’6# 4’$,0’:’-$’ 6’7’01’ 6’$,0’ +02 -5%#8’+2, !’$,0’6%’#-0+’+’%-5’$,0’+’-20#’$8’ %#0’ - $’%!1%8+’ 07’50-$’ ,0’5’66O#0-20’’-’ -$0#:#0$%$’ -’ ’+’ 6#0U*0-$!8’+’.#0%$’$,%$’$,0’ #0U*’#040-$+’*-’6 #4’-’$,0 #8’%#0’-’:#%2$’20’ #%5’2%!!8’*-!’30’ ,0’50+’#0’$,%$’$,0’7%#’ *+’ 05*2%$’ -%!’%++ 2’%$’ -+’+, *!5’2 -+’50#’$,0’#’ :# ;!04+’-%$’ -%!’#%$,0#’$,%-’+02$’ -%!’#0+*!$05’ ’-’$,0’6 #4%$’ -’ ’-’>PKO’6’$,0’ %$’ -%!’ -9 60#0-20’ 44’$$00’ -’ $%-5%#5+’ 6’ !!0.0+’ %-5’ 02 -5%#8’2, !+’ ,’+2 4 4’$$00’’+’ % 40%-+’;8’1,’2,’0%2,’%++ 2’%$’ -’#0:#0+0-$05’ ’-’’$’ 300:+’’-’$ *2,’1’$,’$,0’:# ;!04+’%-5’ :# .#0+’ 6’$,0’7%#’ *+’ %++ 2’%$’ -+’ ,0’ 2 4 4 ’$$00’’+’2 4:+05’ 6’50!0.%$0+’6# 4’$,0’ 6 !! 1’-.’ #.%-’G%$’ -+’ /

,0’01’ -.!%-5’ ++ 2’%$’ -’ 6’ !!0.0+’%-5’ #09 :%#%$’#8’2, !+
,0’01’ -.!%-5’ !!0.0’ -$#%-20’0#$’6’2%$0’ %#5
,0’ ++ 2’%$’ -’ 6’ !!0.0+’%-5’ #0:%#%$’#8’2, !+’ 6’$,0’ ’55!0’ $%$0+’%-5’ %#8!%-5
,0’ !!0.0’ -$#%-20’E%4’-%$’ -’ %#5
,0’ #$,’ 0-$#%!’ ++ 2’%$’ -’ 6’ !!0.0+’%-5’ 02 -5%#8’2, !+
,0’ ++ 2’%$’ -’ 6’ !!0.0+’%-5’ #0:%#%$’#8’2, !+’ 6’$,0’ *$,0#-’ $%$0+
,0’ %$’ -%!’ ++ 2’%$’ -’ 6’ $%$0’ -’70#+’$’0+
,0’ %#-0.’0’ *-5%$’ -’6 #’$,0’ 57%-2040-$’ 6’ 0%2,’-.
,0’ -’$05’ $%$0+’ 44’++’ -0#’ 6’ 5*2%$’ -’ ’ // (%

,0’ 4 +$’ 0662$’70’ %.0-28’ 1 #3’-.’$ 1%#5’ *-’6 #4’$8’ ’-’ %54’-’+$#%$’ -’ 6’ 0-$#%-20’ #0U*’#040-$+’’+’$,0’ !!0.0’ -$#%-20’E%4’9 -%$’ -’ %#5’ ,’+’; %#5’-$’ -!8’:*;!’+,0+’ 6# 4’$’40’$’$’40’%+$%$040-$’ 6’$,0’.# *-5’ 1,’2,’+, *!5’;0’2 70#05’%-5’ 6’$,0’%’4+’1,’2,’ +, *!5’;0’+*.,$’;8’+02 -5%#8’$0%2,’-.’;*$’ ’$’%##%-.0+’6 #%*-’6 #4’%-5’4:%#$’%!’4%#3’-.’ 6’%!’ 0E%4’-%$’ -’ :%:0#+’ ,0’6 !! 1’-.’ +*;&02$+’%+’$%*.,$’ -’+02 -5%#8’+2, !+’2 40’ 1’$,’-’$,0’+2 :0’6’$,0’; %#5’ ; $%-8’2,04’+9 $#8’ 5#%1’-.’ -.!’+,’ #0-2,’ .0 .#%:,8’ 0#4%-’ #003’,’+$ #8’ %$’-’ 4%$,04%$’2+’ :,8+’2+’ :%-’+,’ %-5’G ! .8’ ,0’ ; %#5’ ,%+’’-’$,0’:%+$’+070-’80%#+’:# 7’505’%40%-+’6 # %’6%’# %-5’$#*+$1 #$,8’*-’6 #4’$8’ 6’0-$#%-20

)P



%-' %70#%.0 :0#20-$%.0 6 N>Q :0# 20-$' %1' '+ 0E200505' ;8 ;*+'-0++ :*#+*'$+

(/ *#'-.' $,0 6'#+$ 20-$*#8 $,0 2*#70 #0:#0+0-$'-.' $,0 :# 60++' - 6 405'2'-0 '+ 7%#'%;!0 #0%2,'-.' 5*#'-.' $,'+ :0#' 5 ; $,' '$+ 4%E'4*4' %-5 4'-'4*4' : '-$+' ,0+0 %#0 NQP :0# 20-$ 6 # >OL>?>OLQ %-5 >0 :0# 20-$ 6 # >L>>?>L>Q #0+:02$'70!8' ,#00 6'70?80%# :0#' 5+ ,%70 %:0#20-$%.0 .#0%$0# $,%-' >K :0# 20-$' %-5 +'E6'70?80%# :0#' 5+ ,%70 %:0#20-$%.0 !0++ $,%-' 6'70 :0# 20-$' ,0 -0E$ >KK 80%#+ 7%#'0+ !0++ %-5 ,%+ %+!'.,$!8 ,'.,0# %70#%.0 $,%-' 0'$,0# $,0 :#0205'-.' # $,0 +*;+0U*0-$:0#' 5' !070-' 6 $,0 6'70?80%# :0#' 5+ ,%70 :0#20-$%.0+ ;0$100-' >K %-5 >Q :0# 20-$' %-5 -'-0 6$,04';0$100-' >Q %-5 NK :0# 20-$' '-20 >)QK $,0 20-$#%!$0-50-28 6 # $,'+ :# 60++' - ,%+ ;00-' %; *$ >' :0# 20-$

;06 #0 >LKK' %-5 6 # $,0+0 $,0 :0#20-$%.0+ %#0 +4%!!' 0$100-' >LKK %-5 >)QK $,0 405'%-' 6 # $,'+ .# *:' '+) P :0# 20-$' %-5 $1 ' $,'#5+ 6 $,0 :0#' 5+ 7%#8 6# 4 '$;8 !0++ $,%-' J Q :0# 20-$' ,0 :# 4'-0-$:0#' 5+ 5*#'-.' $,'+ >QK 80%#+ %#0 >LNK $ ' >LJQ %-5 >LP> $ ' >LPQ %-5 $,0 :0#' 5+ 1'$,' $,0 4 +$ 2 -+:'2*9 *+ 50:#0++' -+ %#0 >L>K $ ' >LNK %-5 >LPQ $ ' >)MQ ' -20 >)QK $,0#0 ,%+ ;00-' % .0-0#%!' *:1%#5 $0-50-28 #0%2,'-.' $,0 4%E'4*4' :0#20-$%.0 6 JN J :0# 20-$ '-' >PK>?>PKQ '-20 >))K '$,%+ ;00-' $,0 5 4'-%-$:# 60++' - ,0 6'-%-2'%!' 50:#0++' -+ 6 >)JL >)LJ %-5 >)PJ %#0 '-5'2%$05' ;8 502!'-0+''-' $,0 2*#70+ 6 # $, +0 :0#' 5+

+ / %' /' -.'-00#'-.',%+ -070# %$$#%2$05'70#8 4%-8 6 %#7%#5%+ .#%5*%$0+';*$ +'-20 >)NK ,%+ $%30-' %$!0%+$%+4%!!' :0#20-$%.0

(%' /' 06 #0 >O)Q $,0 $0-50-28 6 # $,'+ :# 60++' -' '+ U*'$0 7%#'%;!0' 1'$,' % 20-$#%!' $0-50-28 6 %; *$ -'-0 :0# 20-$' # $,0 -0E$ >OQ 80%#+ $,0 20-$#%!' $0-50-28 H405'%-F '+ OQ :0# 20-$' 1'$,' -!8 0'.,$6'70?80%# .# *:+ *$ 6 $,0 JJ '-2!*505 '-' $,'+ :0#' 5 7%#8'-.'6# 4 '$;8 4 #0 $,%-'$1 ' :0# 20-$' 6$0# >)QK %#'+0 '+ %::%#0-$ 1,'2,'$0-5+$ '-2#0%+0 $ 1%#5 $,0 !%$$0# 0-5 6 $,0 20-$*#8 0$100-' >)QK %-5 >)LQ $,0 %70#%.0 :0#20-$%.0 '+ >K P :0# 20-$' 1,'!0 ;0$100-' >)LQ %-5 >PKK '$ '+ >O):0# 20-$' ,0 4%E'4*4' 6 # $,'+ ,%!6 20-$*#8 6 *-5 '-'$,0 :0#' 5 >)P>?>)PQ '+ NK M :0# 20-$' # 70# -0 6'6$,' 6 $,0 .#%5*%$0+ %-5 '+ .#0%$0# $,%-' $,%$ 6 %-8 $,0# :# 60++' -' 0E20:$ $,%$ 6 2 4 4 0#2'%!' :*#+*'$+

(+0 0 %/' ,'+ .# *:' ,%5 #0:9 #0+0-$%$'70+ '-' -!8 +'E 6 $,0 6'70?80%# :0#' 5+ 6# 4' 0%2,' 6'70?80%# :0#' 5' ,'+ 7%#'0+ ;09 $100-' " ' 6 -0 :0# 20-$ %-5 J P :0# 20-$' %-5 :#0+0-$+ - +$#'3'-.' 2,%#%2$0#'+$'2+ # $0-9 50-2'0+' .#'2*!$*#%!' :*#+*'$+ ,%70 %!1%8+ $%30-' %'60 1'.#%5*%$0+' %-5 $,0 .# *:' +00 4+ $' ;0' %+ !%#.0 %$ $,0 :#0+0-$ $'40 %+ 070# %-8 6'70?80%# :0#' 5+ :#07' *+$' ' >)KK +, 1' - #0:9 #0+0-$%$'70 '-' $,'+ .# *:' ,0 :0#' 5+ ,%7'-.' #0:#0+0-$%$'70+ 7%#8 ;0$100-' J L :0# 20-$ %-5 6 -0 :0# 20-$' 1'$,' $,0 0E20:$' -' 6 $,0 6'#+$:0#' 5 >OMN?>OMQ 1,'2,' ,%5 -0 6%# 40# *$ 6 %' $ $%!' 6 M .#%5*%$0+ # %' :0#20-$%.0 6 6'70 :0# 20-$' '$0#%$*#0 %-5 & *#-%!'+4' ,%70 ;00-' #0:#0+0-$05 '-' 070#8 6'70?80%# :0#' 5 +'-20 >)KK 1'$,' % :0#20-$%.0 7%#8'-.'6# 4 6 -0 :0# 20-$' $ Q J :0# 20-$' 1'$,' % +!'.,$!8 !%#.0# 20-$#%!' $0-50-28 +'-20 >)LK $,%-' ;0$100-' >)KK %-5 >)LK

.# *:' '+' ,'. ,0# $,%-' $,%$' 6' $,0' '-+$'$*$' -+' '-' $,0' 6'#+$' %+' +, 1-' ;8' $,0' 6%2$' $,%$' 5*#'-.' $,0' -'-0$00-$,' 20-$*#8' $,0' .0-0#%!' %70#%.0' 6 #' $,0' +02 -5' .# *:' # +0' 6# 4' +'E' :0# 20-$' $ ' >0' :0# 20-$' %+' 2 4 :%#05' 1'$,' % #'+0' 6# 4' $,#00' :0# 20-$' $ ' >J' :0# 20-$' 6 #' $,0' 6'#+$' .# *:' ,0' $,'#5' .# *:' '+' !0++' , 4 .0-0 *+' $,%-' $,0' 6'#+$' $1 ' .# *:+' ;*$' '$+' %70#%.0' '+' ,'. ,0#' *#'-.' $,0' !%$$0#' :%#$' 6' $,0' -'-0$00-$,' 20-9 $*#8' $,'+' .# *:' #'+0+' 4*2,' 4 #0' #%:'5!8' $,%-' $,0' $1 ' :#0205'-.' .# *:+' ,0' 6 *#$,' .# *:' '-2!*5'-.' 50- 4'-%$' -%!' '-+$'$*$' -+' '+' 070-' !0++' , 4 .0-0 *+' $,%-' $,0' $,'#5' .# *:' %-5' '-' $*#-' '+' ,'. ,0# $,%-' %-8' 6' $,0' :#0205'-.' .# *:+' $+' #'+0' 5*#'-.' $,0' !%+$' 601' 80%#+' 6' $,0' -'-0$00-$,' 20-$*#8' '+' - $' %+' 2 -+:'2* *+' %+' $,%$' 6' $,0' $,'#5' .# *:' ,0' +$%$0' '-+$'9 $*$' -+' +, 1' % 4 #0' #%:'5' %-5' 2 -$'-* *+' #'+0' $,%-' %-8' 2*#70+' 6' $,0' $,0# .# *:+' '2,'.%-' '+2 -+'-' %-5' '--0+ $%'0%2,' +, 1' :0#20-$%.0+' %; 70' MQ' :0# 20-$' %$' $,0' 2! +0' 6' $,0' 20-$*#8'

(' +0 0 % / *#'-.' $,0' 6'#+$' $,'#5' 6' $,0' 0'.,$00-$,' 20-$*#8' 2 4 4 0#2'%!' :*#+*'$+' +, 1' % #%:'5' $0-50-28' $ ' #'+0' %$' ; $,' %#7%#5' %-5' %!0' 2*!4'-%$'-.' '-' >)' :0# 20-$' 6 #' $,0' 6 #4 0#' %-5' >Q' :0# 20-$' 6 #' $,0' !%$$0#' *#'-.' $,0' #0 4%'-50# 6' $,0' 20-$*#8' $,0'# 2*#70+' %#0' 70#8'+' 4'!%#'%-5'$,0' 20-$#%!' $0-50-28' '+' %:: # E'4 %$0!8' >N Q' :0# 20-$' !*4;'% 0--+8!7%-'%'%-5' #'-20$ -'%6$0#' $,0'# %:: 0%#9 %-20' %$' %; *$' $,0' 4'55!0' 6' $,0' 20-$*#8' +, 1' 4*2,'! 10# $0-50-2'0+' *#'-.' $,0' -'-0$00-$,' 20-$*#8' $,0' .0-0#%!' $0-50-28' 6' %!!' $,0' 2*#70+' '-' $,0' 6'#+$' .# *:' '+' $' #'+0' 6# 4' %; *$' >K' :0# 20-$' $ ' %:: # E'4 %$0!8' JK' :0# 20-$' !!' '-5'9 2%$0' $,0' :%-'2+' 6' >)JL' >)LJ' %-5' >)PJ' ;8' 50:#0++' -+' '-' $,0'# 2*#70+' 6 #' $, +0' :0#' 5+' *#'-.' $,0' 6'#+$' $,'#5' 6' $,0' 20-$*#8' %#7%#5!+' 2*#70' '+' ! 10# $,%-' %-8' 6' $,0' $,0#+' ;*$' #'+0+' $' N)' :0# 20-$' ;8' >)OQ' %-5'6# 4' $,'+' $'4 0' *-$'!' >)PK' '$' '+' $,0' ,'. ,0+$' 2*#70' $' '+' $,0-' 0E9 200505' ;8' `,0' 2*#70+' 6 #' %!0' %-5' #'-20$ -' !*4;'%!+' 2*#70' '+' $,0' ,'. ,0+$' ;0$100-' >)>K' %-5' >)QQ' ;*$' %$' $,0' 2! +0' 6' $,0' 20-$*#8' '+' ! 10# $,%-' %-8' 6' $,0' $,0#+' ,0#0' %#0' -' +$#'3'-.' 5'660#0-20+' '-' $,0' 6'#+$' $1 ' .# *:+' %!$, *.,' $,0' 2*#70+' 6' $,0' 6'#+$' .# *:' %#0' %' !'$$!0' ! 10# $,%-' $, +0' 6' $,0' +02 -5' %$' $,0' 2! +0' 6' $,0' 20-$*#8' ,0' !50# '-+$'$*$' -+' 6' $,0' 6'#+$' .# *:' %!+' +00 4' $' 1' 6' $,0 4' ;%70' ;00-' !0++' %660 2$05' ;8' $,0' 6'-%-2'%!' 50:#0++' -+' 6' $,0' 20-$*#8' ,0' 2*#70+' 6 #' $,0' $,'#5' .# *:' %#0' 4 #0' 7%#'%;!0' ,08' #'+0' 4 #0' #%:'5!8' 5*#'-.' :# +:0# *+' ;*+'-0++' :0#' 5+' %-5' #0+: -5' 4*2,' 4 #0' U*'23!8' $' ;*+'-0++' 50:#0++' -+' ,0' 50- 4'-%$' -%!' '-+$'$*$' -+' 6' $,0' 6 *#$,' .# *:' +, 1' $,0' .#0%$0+$' 5'70#+'$8' 1' 6' $,0 4' #$, 10+$0#-' %-5' 2,0+$0#' *-!'30' %!!' $,0#+' +, 1' % .0-0#%!' 502!'-'-.' $0-50-28' 1,'!0' %70#'7 6 #5',%+' %,'.,0# %70#%.0' :0#20-$%.0' $,%-' %-8' $,0#' 6' $,0' '-+$'$*$' -+' '-' %-8' 6' $,0' .# *:+' ,0' +$%$0' '-+$'$*$' -+' +, 1' $,0' .#0%$0+$' *-'9 6 #4 '$8' ,08' +$%#$' 1'$,' ! 1' :0#20-$%.0+' %-5' #'+0' #%:'5!8' *-$'!' %; *$' >))K' %-5' $,0-

502!'-0' *-$'!' $,0' 2! +0' 6' $,0' 20-$*#8' ,0'# 4%E'4%'7%#8'6# 4' >0' :0# 20-$' $ ' N> Q' :0# 20-$' %-5'%$' $,0' 2! +0' 6' $,0' 20-$*#8' $,0'# :0#20-$%.0+' 7%#8'6# 4' L Q' :0# 20-$' $ ' >J' :0# 20-$

4;'-05' $%$'+$'2+' 6 #' ,'#$8?+070-' 0:#09 +0-$%$'70' -+$'$*$' -+' /' ,0' %22 4:%-8'-.' 2,%#$' H:' PNF' .'70+' .#%:,'2%!!8' $,0' +$%$'+$'2+' 6 #' $,0' 2 !!0.'%$0' 50:%#$ 40-$+' 6' $,0' 6 !! 1'-.' #0:9 #0+0-$%$'70' '-+$'$*$' -+' /

>'	%#7%#5	>J	0#4 -$	NQ'	*23-0!!
N'	%!0	>M	15 '-	NO'	0! '$
J'	#'-20$ -	>Q	!.%$0	NL'	8#%2*+0
M'	0--+8!7%-'%'	>O	'%4'	N)'	2,0+$0#
Q'	!*4;'%	>L	%- 70#	NP'	'+2 -+'-
O'	# 1-	>)	0+!08%-	JK'	#$,10+$0#-
L'	%#$4 *$,	>P	01' #3	J>'	.'2%.
)'	'23'-+ -	NK'	%;%+,	JN'	%!'6 #-'%
P'	'!!'%4+		%70#6 #5	JJ'	'--0+ $%
>K'	-' -	NN	;0#!'-	JM'	0;#%+3%
>>'	'55!0;*#8	NJ	0' %*1	JQ'	%-50#;'!$
>N'	%+,'-.$ -'	NM	'2,'.%-	JO'	! #%5
%-5'(0660#+ -				JL'	4 -%

,0' #0+*!$+' 4%8' ;0' +*4 4%#'G05' 70#8' ;#'06!8' %+'6 !! 1+' /

!% / ' '-'+$#8' +$%#$+' 1'$,'LK' :0# 20-$' %-5' 5 0+' - $' 502!'-0' 2 -+:'2* *+!8' *-$'!' %6$0# >LNK' 0$100-' >LNK' %-5' >L)K' $,0' 502!'-0' '+' 4 #0' 4%#305' $,%-' %$' %-8' $,0# $'40' '+!'.,$' #'+0' '+' 6 *-5' ;0$100-' >L)K' %-5' >)MK' 1'$,' %' 4%E'4*4' :0#20-$%.0' 6' JN J' :0# 20-$' '-20' $,%$' $'40' '$' ,%+' +$0%5'!8' 502!'-05' %-5' %$' $,0' 2! +0' 6' $,0' 20-$*#8' ,%+' %' :0#20-$%.0' 6' Q P' :0# 20-$' # 4' >OMN $' >)MK' '$' 1%+' $,0' 5 4'9 -%-$' :# 60++' -' 1'$,' -0' 0E20:$' -' -%40!8' $,0' :0#' 5' >L)K' $' >)NK' 1,0-' '$' 1%+' 0E9 200505' ;8' !%1' $' $,0' 2! +0' 6' $,0' 20-$*#8' '$' '+' +*#:%+'05' ;8' $0%2,'-.' 2 4 4 0#2'%!' :*#+*'$+' !%1' %-5' 405'2'-0

$% / ' $' -' $'40' :#07' *+' $' >LQK' 5 0+' !%1',%70' %:0#20-$%.0' .#0%$0#' $,%-' >K' :0# 20-$' 6$0#' >LQK' '$' +, 1+' % $0-50-28' $' #'+0' %-5' $%30+' %; *$' % $,'#5' 6' $,0' .#%5*%$0+' %$' $,0' 2! +0' 6' $,0' 20-$*#8' ,'+' '+' $,0' 4%E'4*4' :0#20-$%.0' 6 #' $,0' 1, !0' ,'+$ #8' 6' $,0' :# 60+9 +' -' 6' !%1' *#'-.' $,0' -'-0$00-$,' 20-$*#8' '$' 502!'-05' 1'$,' -0' 0E20:$' -' $,0' 502%50' >)OQ' $' >)LQ' 1,'2,' 1%+' 5*0' $' $,0' '-2#0%+05' +$'4*9 !*+' $' 0-$0# !%1' ;02%*+0' 6' $,0' 6 *-5'-.' 6' !%1' +2, !+' 5*#'-.' $,'+' :0#' 5' ,0' '-2#0%+0' 1%+' $04:#%#8' , 1070#' %-5' ;8' $,0' 2! +0' 6' $,0' 20-$*#8' !%1' $ 3' -!8' %; *$' >Q:0# 20-$' 6' $,0' .#%5*%$0+' %-5' 1%+' +*#:%+05' ;8' ; $,' $0%2,'-.' %-5' 2 4 4 0#2'%!' :*#+*'$+

1 % / ' -' +:'$0' 6' $,0' 6%2$' $,%$' $,0' 2*#70' 6 # 405'2'-0' 1%+' 0E$#04 0!8' 7%#'%;!0' 5*#'-.' $,0' 0%#!'0# 80%#+' #0:#0+0-$05' -' $,0' 2,%#$' '$' 4%8' ;0' +%'5' $,%$' 405'2'-0' ,%+' ;00-' $,0' 4 +$' 2 -+$%-$' 6' %!' $,0' :# 60++' -+' %4 -.' 2 !!0.0' .#%5*%$0+' ,0' 2 -+:'2* *+' 7%#'%$' -+' 5*#'-.' $,0' 6'#+$' :0#' 5' 22*#' 1,0-' $,0#0' 1%+' -' 2 !!0.0' ;*$' %#7%#5' ,0' #0!%$'70' 2 -9 +$%-28' 6' $,0' 2*#70' '+' +, 1-' ;8' $,0' 6%2$' $,%$' ;0$100-' >LQK' %-5' >)PQ' -' 6'70?80%#' :0#' 5' ,%+' !0++' $,%-' L N' :0# 20-$' # 4 #0' $,%-' >J M' :0# 20-$' %-5' $,0' .0-0#%!' %70#%.0' '+' ;0$100-' P' :0# 20-$' %-5' >K' :0# 20-$

%' +8+$04' 1 ,'2,' '-' 4%-8' '-+$%-20+' '-2!*50+' %-' '-$0!!'.0-$' '-+:02$' -' 6' $,0' ,'.,' +2, !+' 6# 4' 1 ,'2,' 20#$'6'2%$0+' %#0' %220:$%;!0' -' '--0+ $%' 6 #' 0E%4:!0' $,'+' '-+:02$' -' '+' 4%50' *-50#$,0' +*:0#7'+' -' 6' $,0' +$%$0' +*:0#9 '-$0-50-$' 6' '-+$#*2$' -< '-' 1%' '++ *#'' %-+%+' %-5' $,0# +$%$0+' $,0' '-+:02$' -' '+' 4%50' *-50#$,0' +*:0#7'+' -' 6' $,0' #0+:02$'70' +$%$0' *-'70#+'$'0+' %-5' $,0'# !'+$+' 6' R'%22#059 '$05' +2, !+' S' %#0' .0-0#%!!8' *+05' ;8' $,0' $,0# 6'#+$? .#%50'2 !!0.0+' 6' $,0' +$%$0+' H 00' '' ' ,' *5

$*50-$+' %#0' *+*%!!8' %54'$$05' $' 2 !!0.0' *-50# -0' 6' $,#00' .0-0#%!2!%++'6'2%$' -+'! H>F #0.*!%# +$*50-$+' $, +0' 1, ',%70' 40$ 6*!!8' $,0' 0-$#%-20' #0U*'#040-$+' %-5' 1, '%#0' 2%-5'9 5%$0+' 6 #'%50.#00< HNF 2-5'$' -05'+$*50-$+' #' $, +0' 1, ',%70' 6%'!05' ;8' %' +4%!!' 4%#.'-' $' 400$' $,0' 6*!!' #0U*'#040-$+' ;*$' 1, '%#0' %59 4'$$05' %+' 2%-5'5%$0+' 6 #'%50.#00< HJF +:02'%!' +$*50-$+' #' $, +0' 1, '5' -$' 400$' $,0' #0.*!%# 0-$#%-20' #0U*'#040-$+' ;*$' 1, '*+*%!!8' -' %22 *-$' 6' 4%$*#'$8' 6' 80%#+' %#0' 500405' 'U*%!'6'05' $' 0-$0# 20#$%'-' 2 *#+0+' *2,' +$*9 50-$+' %#0' -$' 2%-5'5%$0+' 6 #'%50.#00+ ,0' :*#:+0+' 6'0-$#%-20' #0U*'#040-$+' 4%8' ;0' +*4 4%#'G05' ;#'06!8' ,08'%'4'H>F' $'0!'4'9 -%$0' 6# 4' 2 !!0.0' 2!%++0+' +$*50-$+' *-6'$' $' :*#+*0' $,0' 1 #3' $' $,0'# %57%-$%.0< HNF' $' 7'$%!'G0' %-5' $' +$'4*!%$0'+02 -5%#8'+2, !+' ;8' 10!!?.*%#505' %#$'2*!%$' -' $'6 !! 1+' $,%$' $,0' #0U*'#040-$+' +0#70' $' :# 02' $,0' +2, !%#!8' +$%-5%#5+' ; $,' 6' $,0' ,'.,' +2, !+' %-5' 6' $,0' 2 !!0.0+

'+$ #'2%!' 070! :40-$'-' 40#'2% / ,0 ,'+$ #8' 6' 2 !!0.0' 0-$#%-20' #0U*'#040-$+' ;09 .'-+' 1'$,' $,0' 6 #4*!%$' -' 6' $,0' 6'#+$' +$%$9 *$0+' 6 #' %#7%#5' !!0.0' '-' >OMN' $, *.,' $,0' 1 #3' 6' $,0' 2 !!0.0' ;0.%-' 6 *#' 80%#+' 0%#!'0#' ' ,0+0' +$%$*$0+' :#7'50' R ,0-' %-8' 2, !!%#' '+' %;!0' $' #0%5' *!!8' #' +*2,' !'30' 2!%++'2%!' %$'-' *$, #' 0E$04:#0' %-5' 4%30' %-5'+:0%30'$#*0' %$'-''-'70#+0'%-5':#+0'1'$,9 *$'%++'+$%-20'%-5'502!'-0':0#602$!8'$,0':%#%9 5'.4+' 6' -*-0+' %-5' 70#;0+' '-' 80' #0030' $ -.*0' $,0-' 4%8' ,00' ;00' %54'$$05' '-$' 80' !!0.0' -#+,%!!'%-8' 2!%'40'%54'++' -';06#0' +*2,' U*%!'6'2%$' -+S' ,0+0' #0U*'#040-$+' #09 4%'-05' 1'$, *$' 4%$0#'%!' 2,%-.0' *-$'!' -0%# $,0' 4'55!0' 6' $,0' 0'.,$00-$,' 20-$*#8' H>LJMF' 70-' $,0-' $,0' 2,%-.0' 1%+'+!'.,$'%' R'+:0%3'-.' 3-1!05.0' 6' %$'-S' 1%+'-'! -.0# #0U*'#05< %-5'%'3-1!05.0' 6' $,0' #*!0+' 6' :# +58' 2*!5' ;0' +*;+$'$*$05' 6 #' $,0' 4%3'-.' 6' %$'-' 70#+0' ,'!0' $,0' 0++0-$'%!' #0U*'#040-$'-'%!' 2 !-'%!' 2 !!0.0+' 1%+' $,0' .#%4 4%$'2%!' 3-1!05.0' 6' #003' %-5' %$'-' 1'$,' %-' %;'!'$8' $' #0%5' 0%+8' %$'-' %$' +'.,$' $,0' 2 !!0.0+' 6 *-505''-' $,0' 0'.,$00-$,'20-$*#8' 4%50'6*#$,0#:# .#0++'-'$,0' %5&*+$40-$' 6' $,0' 2 !!0.0' 2*##'2*!*4' $' 2,%-.05' + 2'%!' 2 -5'$' -+'%-5' $,0+0' 10#0'#06!02$05'+!'.,$!8' '-' $,0' 0-$#%-20' #0U*'#040-$+' -' >LMQ' %!0' 1,'2,' ,'$,0#$' ,%5' 6 !! 105' %#7%#5' %5505' R' 2 4 4 -' %#'$,40$'2'S' $' $,0' 0-$#%-20' #09

U*'#040-$+' #'-20$ -' 6 #4*!%$'-.' '$+' 0-9 $#%-20' #0U*'#040-$+' '-' >LM)' 6 !! 105' $,0' 0%#!'0#' 2*+$ 4' 6' %!0' %-5' #0U*'#05' -!8' %$'-' %-5' #003' H !*4;'%' %5 :$'-.' '$+' 6'#+$' #0.*!%$' -' '->LQQ' '-2!*505' R' %#'$,40$'2' + '6%# %+' $,0' #*!0+' 6' #05*2$' -S' 1'$,' %$'-' %-5' #003' # 1-' %-5' '!!'%4+' '-2!*505' %#'$,40$'2' '-' $,0' !%+$' 502%50' 6' $,0' 0'.,$00-$,' 20-$*#8' %-5' %#7%#5' +, #$!8' %6$0#1%#5+' ,0' U*%-$'$%$'70' #0U*'#040-$+' '-' %#'$,40$'2' 10#0' -$' *+*%!!8' +:02'6'05' ;*$' $, +0' '-' #003' %-5' %$'-' + '6%# %+' #0%5'-.'3-1!05.0' 1%+' 2-20#-05' .#%5*%!!8' '-2#0%+05' %-5' ;02%40' 4 #0' +:02'6'2' ,0' 2!%++'2%!' #0U*'#040-$+' :#%2$'2%!!8' 070#81,0#0' 10#0' %;'!'$8' $' #0%5' '20# ¡+' #%$' -+' 0#.'!' %!!*+$' #' %0+%#' %-5' $,0' #003' 0+$%40-$' '$,' $,0' 5%1-' 6' $,0' -01'20-$*#8' -01'+2'%!' *$! 3'%-5'-01' 05*2%$' -%!' :# ;!04+' $,0' 660#'-.+' 6' $,0' 2 !!0.0' 2 *#+0' '-2#0%+05' #%:'5!8' %-5' $,0' 0-9 $#%-20' #0U*'#040-$+'#0+: -505'+'4'!%#!8' $' $,0' 2,%-.05' 2 -5'$' -+' -' %55'$' -' $' $,0' 0E9 :%-505' 2 !!0.0' 2*##'2*!*4' 4<% %*6' $,0' 2,'06' 6%2$ #'-';#'-.'-.'%; *$' %,'.,0#+$%-5%#5' 6' %54'++' -' 1%+' $,0' +*;+$'$*$' -' 6' $,0' %2%59 04'0+' 4<% %* 6 #' $,0' !5' %$'-'.#%44%#+2, !' <% %*%+' $,0' 5 4'-%-$' +02 -5%#8'+2, !' ,0' %2%5048' 660#05' $,0' .#0%$0+$' 7%#'0$8' 6' +*;9 &02$+' 6 #+$*58' 4%-8' 6' $,04' 6'% 4 #0' :#%29 $'2%!' 2,%#%2$0#' %-5' '-' 4%-8' 1%8+' 1%+' 4 #0' #0+: -+'70' $' 2,%-.05'+2'%!-2 -5'$' -+' ,0' 2,'06' 4 5'6'2%$' -' 4%50' '-' $,0' #0U*'#040-$+' 6 #'0-$#%-20'5*#'-.'$,0'6'#+$' .0-0#%$' -' 6' $,0' -'-0$00-$,' 20-$*#8' 1%+' $,0' +*;+$'$*$' -' 6' 506'-'$0'U*%-$'$%$'70' #0U*'#040-$+' 6'+' 4%-8' %*$, #+' #' $0E$+' #0%5' 6 #' $,0' 0%#!'0#' $0+$' '-' %;'!'$8' $' +:0%3' #0%5' #' 70#+'68 '#+$' 6' $,0' -01'+*;&02$+' #0U*'#05' 1%+' .0 .9 #%:,8' #0U*'#05' ;8' $,0' %#7%#5' +$%$*$0+' 6' >)KL' #'-20$ -' 4%50' %' +'4'!%#' #0U*'#09 40-$'-' >)>P' !*4;'%''-' >)M>' %-5' %!0' '-' >)NN' -.!'+,' .#%44%#' 1%+' :# ;%;!8' 6'#+$' #0U*'#05'%$' #'-20$ -''-' >)>P' %!0' 6 !! 105' '-' >)NN'%-5' $,0' $,0# 2 !!0.0+'!%$0#' !.0;#%' 1%+' 6'#+$' #0U*'#05' %$' %#7%#5' '-' >)NK< 9 !*4;'%'6 !! 105'1'$,',+'#0U*'#040-$' '-' >)N>' %!0' '-' >)MO' %-5' #'-20$ -''-' >)M)' 0%-9 1,'!0' $,0' 2!%++'2%!' #0U*'#040-$+' 10#0' -2#0%+05' %-5' $,0' #02 .-'$' -' 6' $,0' :# ;!04' 6' $,0' 70#9 ;*#50-05' 2 !!0.0' 2*##'2*!*4' 1%+' .'70-' '-' >)JN' 1,0-' !*4;'%'$04: #%#'!8'0+$%;!'+,05'% :%#%!!0!' 2 *#+0' /'%' +2'0-$'6'2' %-5' !'$0#%#8' -0' #0-$#%-20' $' ',+' #0-2,' 1%+' #0U*'#05 ,0' .#0%$-*4;0# 6'2 !!0.0+' 6 *-505'5*#'-.' $,0' 0%#!8' :%#$ 6' $,0' -'-0$00-$,' 20-$*#8' -:;? #0+0-$05' -010# 05*2%$' -%!' '50%+' %$$04:$05' $' 400$' 4 #0' 5'#02$!8' $,0' -01' 2 4!'$' -+' 4%-8' 6' $,04' 6' %' 6# -$'0#' #0.' -' %-5' %!' !0++' ;*-5';8' $#%5'$' -'$,%-'$,0' !50#'-+$'$*$' -+' 6 *-505'5*#'-.'$,0'+070-$00-$,'%-5'0'.,$00-$,' 20-$*#'0+' '2,'.%-' -'70#+'$8' :0-05' '-' >)M>' 4%50' $,0' 6 !! 1'-.' #0U*'#040-$+' 6 #' %54'+'+' -' R'H'0 .#%:,8' %#'$,40$'2' $,0' 0!09 40-$+' 6' %!.0;#%'$,0' .#%44%#' 6' $,0' -.!'+,' %$'-' %-5' #003' !%-.*%.0+' $,0' 0E0#2'+0' %-5

#0%50# 6' -5#01+' #-0!'*+' 0: +' ' 6' %!!*+$' '20# ▯+' #%$' -+' (%9 2 ;+▯ 3 9' " 6'%-5' $,0' 7%-.0!'+$+ $' ,'+' 1%+' '-2#0%+05' +'E' 80%#+' !%$0# %+' 6 !! 1+'' R' -.!'+,' #%4 4%#&' 0 .#%:,8' #'$,4 0$'2' !.0;#%' $,# *.,' +'4 :!0' 0U*%$' -+' #0;▯+' 30 '/ ' ' $ ' /' 6' %$'-' 0%50#' #-0!'*+' 0: +' '20# ▯+' #%$' -+' 0#.'!▯+' 80((' %-5' +'E' ; 3+' 6' $,0' 6' #003' 0%50#' $,# *.,' %$'-' %-5' #003' #%4 4%#' 0'.,$!08▯+' H #' '-- 23▯+' !5+4'$,▯+'F 3 # (' 1 !' ' ' ' /' ' ' 3 6 ' " ' ' ' ' /' ' %J

0 4 0$#8' %:: 0%#+' %+' % 2 !!0.0' 0-$#%-20' #09 U*'#0 4 0-$' 6'#+$' %$' %!0' '-' >)QO' 6 !! 105' ;8' #'-20$ -' '2,'.%-' %-5' #-0!!' '-' >)O)' %-5' !*4;'%' '-' >)LK' '+$ #8' 1%+' 6'#+$ #0U*'#05' '-' >)ML' %$' ; $,' %#7%#5' %-5' '2,'.%-' %-5' %$' #-0!!' '-' >)O)' '+$ #8' 6' $,0' -'$05' $%$0+' 1%+' #0U*'#05' '-' >)LK' %$' '2,'.%-' ,8+'2%!' .0 .#%:,8' 1%+' %5505' ;8' %#7%#5' %-5' '2,'9 .%-' '-' >)LK' ,0' 4 50#-' !%-.*%.0+',%5' #09 20'705' !'$$!0' #02 .-'$' -' '-' $,0' 2 !!0.0' 2 *#+0' %-5' '$' 1%+' - $' *-$'!' >)LQ' $,%$' %-' 0!0 4 0-$%#8' 3- 1!05.0' 6' 0'$,0#' #0-2,' #' 0#4%-' 1%+' #0U*'#05' H%$' %#7%#5F' 6 #' %5 4 '++' -' $ ' $,0' ' 2 *#+0' $,0#' 2 !!0.0+' 6 !! 105' -' >)PL',1070#' -!8' OK' 6' $,0' MJN' 2 !!0.0+' #0:#$'-.' $ ' $,0' -'$05' $%$0+' 4 4'++' -0#' 6' 5*2%$' -' #0U*'#05' % 4 50#-' !%-.*%.0' 6 #' %5 4'++' -' $ ' $,0' $#%5'$' -%!' H F' 2 !!0.0' 2 *#+0' 1,'!0' MKN' 6' $,0' MJN' #0U*'#05' %$'-' %-5' J>)' #003

'-20' >)LK' $,0' 0E:%-+' -' 6' #0U*'#0 4 0-$+' '-' $,0' -01' +*;&02$+',%+' ;00-' %! -.' $,0' !'-0' 6' -.!'+,' %-5' 6' $,0' -%$*#%!' +2'0-20+' ,0' .#0%$' -*4;0#' 6' 2 !!0.0+' 1' ;02 4 0+' :# 4 '9 -0-$' $,0' 5'70#.0-20' '-' $,0'#' 2*+$ 4+' 2 -20#-9 '-.' 0-$#%-20' #0U*'#0 4 0-$+' $,0' .#0%$' '-2#0%+0' '-' $,0' U*%-$'$%$'70' #0U*'#0 4 0-$+' '-' $,0' +*;9 &02$+' :#07' *+!8' #0U*'#05' $,0' #0+$#'2$'70' '-9 6!*0-20+' 1,'2,' ;0.%-' $ ' ;0' 0E0#$05' ;8' $,0' 2 !9 !0.0+' *: -' $,0' +02 -5%#8' +2, !+' $,# *.,' $,0' 4 *!$':!'2'$8' %-5' 506'-'$0-0+' 6' #0U*'#0 4 0-$+' %!#' #0-50#' '$' '4 : ++';!0' $ ' $#%20' '-' %';#'06'+:%20' $,0' 6*#$,0#' 5070! :40-$' 6' $,0+0' +*;&02$+' '-9 5'7'5*%!!8' %-5' $,0+0' 6%2$ #+' $ .0$,0#' .'70'#'+0' $ ' $,0' :#0+0-$?5%8' U*0+$' -

,0' # ;!0 4' 6' !!0.0' -$#%-20' 0U*'#09 4 0-$+' / ' -$'!' %2 4:%#%$'70!8' #020-$'$' 4 0' $,0' -!8' 4 0%-+' 6':%++'-.' 6'# 4'$,0'+02 -5%#8'+2, !' $ ' $,0' 2 !!0.0' 1%+' $,# *.,' %-' 0E%4'-%$' -' .'70-' %$' $,0' 2 !!0.0' '-' 20#$%'-' :#0+2#';05' +*;&02$+' ,'+' :!%-' 6'E05' *: -' $,0' +2, !+' '-' %-' %;+ !*$0' 4%--0#;$,' $,0' 2 *#+0' 6' +$*58' %-5' $,0' $8:0' 6' '-+$#*2$' -' 1,'2,' $,0' 2 !!0.0+' #0U*'#05' 6' $,0 4' '$,' $,0' 1'50-'-.' 6' $,0' 2 *#+0+' '-' $,0' +2, !+' *$' $,0' +2, !+' 2 *!5'- $'%66 #5' $ ' . ' 4*2,';08 -5' $,0' +*;&02$+' 50 4%-505';8' $,0' 2 !!0.0+' %-8',.,' +2, !+',%5', 1070#' .# 1-'*:'%+:*;!'2'-+$'$*$' -+' 50+'.-05' $ '.'70' % $#%'-'-.' 5'66 0#0-$' 6# 4' $,0' -%## 1'%-5',.,!8' +:02'%!'G05' 1 #3' 6' $,0' %2%50 4'0+' %-5' :#0:%#%9 $ #8' +2, !+' ,0+0' +2, !+' .%70' 2 *#+0+ :#'4%#'!8''-'+2'0-20' 4%$,04%$'2+',+$ #8'%-5' $,0' 4 50#-' !%-.*%.0+< 1,'!0' $,0' %2%50 4'0+' 2 -6'-05' $,04+0!70+' 4%'-!8' $ ' %$'-' #003'%-5' 4%$,04%$'2+

' -*4;0#' 6' 2%*+0+' $0-505' $ ';#0%3' 5 1-' $,'+' 5'7'+' -' ,0' 1'50-'-.'#%-.0' 6' 2 *#+0+' '-' $,0' 2 !!0.0+' #060##05' $ ' %;70' %-5' 0+:02'%!!8' $,0' 0!02$'70' +8+$0 4' %-5' $,0' 02 - 4'2' 1%+$0' '-9 7 !705' '-' 4%'-$%'-'-.' $1' $8:0+' 6' +2, !' !05' $ ' $,0' %;+ #:$' -' 6' 4%-8' 6' $,0' !5'%2%50 4'0+' '-' $ ' $,0' :*;!'2' +2, !' +8+$0 4' - $,0# 6%2$ #' 1%+' +$'!!' 4 #0' : $0-$' ,0' 0+$0#-' +$%$0' *-'9 70#+'$'0+' !05' ;8' '2,'.%-' '-' >)LK' ;0.%-' $ ' %5 :$' $,0' :!%-' H; ## 105'6# 4'$,0'+$%$0'+8+$0 4' 6' #*++'%F' 6'%5 4 '$$'-.'1'$, *$' 0E%4'-%$' -'%!!' +$*50-$+' 20#$'6'05' ;8' +2, !+' +%$'+6%2$ #8' $ ' $,0' 4'70#+'$8' '-' 2 *#+0+' %-5' '-' $,0' -*4;0#' %-5' .#%50' 6' $,0' '-+$#*2$ #+' '2,'.%-' 66 0#05' $ ' +0-5' $ ' %-8' +2, !' *: -' #0U*0+$' % 2 4 4 '$$00' $,%$' 1 *!5' '-+:02$' $,0' 1 #3' 6' $,0' +2, !' %-5' #0: #$' $ ' $,0' *-'70#+'$8' 1,'2,' 1 *!5' 50$0#4'-0' 1,0$,0#' $,0' +2, !' '-' U*0+$' -'+, *!5' ;0' :!%205' -' $,0' %220:$05' !'+$' '6$00-' 80%#+' !%$0#' $,0' +%40' :#'7'!0.0' 1%+' 0E$0-505' $ ' ,'.,' +2, !+' *$+'50' $,0' +$%$0' ,'+' +8+$0 4' 6' %22#05'$'-.' +2, !+' 1%+' + -' 6 !! 105';8' $,0#*-'70#+'$'0+' ;8' -5'%-%'-' >)LM' '+2 -+'-' '-' >)LP' %!'6 #9 -'%' '-' >))M' 8' >)PL' $,0#0' 10#0' MN' +$%$0' 2 !!0.0+' %-5' *-'70#+'$'0+' %-5' %;*$' >QK' $,0#+' '-' 1,'2,' + 40' 6 #4' 6' %54 '++' -' ;8' 20#$'6'2%$0' 1%+' %!! 105' $'$,0' :#0+0-$'$'40' -!8' %601' 6' $,0' !%#.0#' %-5' 4 #0' 2 -+0#7%$'70' 2 !!0.0+' H%-5' $, +0' '-' $,0' %+$F' %54 '$' -!8';8' 0E%4'-%$' -' ,0' 20#$'6'2%$0' :#'7'!0.0' $, *.,' '$' 0E'+$+' '-' %!4 +$' %!!' $,0' 2 !!0.0+' '+' 6' 2 *#+0' -' $' %7%'!9 %;!0' 6 #' %!!' 2%-5'5%$0+' *:'!+' 6# 4' *-%29 2#05'$05' +2, !+'%-5' $, +0' :#0:%#05';8' :#'7%$0' $*$ #+' 4*+$' +$'!!' $%30' 0E%4'-%$' -+' 070-' '-' 20#$'6'2%$'-.' 2 !!0.0+' ,0' -0$ #0+*!$' 6' $,0+0' 7%#' *+' 2%*+0+' '+' +:0%3'-.' .0-0#%!!8' % ;# %5' 5'66 0#0-20' ;0$100-' $,0' #0!%$' -'+*+$%'-05';8' $,0' ,'.,' +2, !+' $ ' $,0' 2 !!0.0+' '-' $,0' +$%$0+' 10+$ 6' $,0' ::%!%2,'%-+' %-5' $,%$' 0E'+$'-.' -' $,0' $!%-$'2' +0%;%#5' -' $,0' 6 #40#' $,0#0' '+' % 6%'#!8' *-'6'05'+8+$0 4''-'1,'2,'$,0' 0-$#%-20' 6# 4' +2, !' $ ' 2 !!0.0' 50:0-5+' -!8' *: -' $,0' 6%2$ $,%$' $,0' +2, !' '+' %++*405' *: -' 20#$%'-' 07'9 50-20' $ ' ,%70' .'70-' % + *-5' 2 *#+0' 6' '-+$#*29 $' -' 6' $,0' #0U*'#05' + #$<' '-' $,0' !%$$0#' $,0#0' '+ % 5'7'505' *+%.0< + 40' 2 !!0.0+' '-+'+$ *: -' $,0' 6 #4%!' 0E%4'-%$' -' $,0#+' %220:$ 20#$'6'2%$0+' ,0' 2 !!0.0+' '-' 0'$,0#' 2%+0' %#0' : +'$'70' 6' $,0' 1'+5 4' 6' $,0'# :!%-< $,0' +2, !+' -%$*#%!!8' :#060#' $,0' 20#$'6'2%$0' # %22#05'$'-.' +8+$0 4

, +0' 1,' 6%7 #' $,0' 0E%4'-%$' -' %+' $,0' 40%-+' 6' %54 '++' -' %#.*0' H>F' $,%$' $,0' 2 !!0.0' 0E%4'-%$' -+',%70'5 -0' 4*2,'$' ;*!5' *:'$,0' +$%-5%#5+' 6'-+$#*2$' -'-'$,0' +2, !+'%-5' $,%$' %#04'++' -' 6' $,0' :!%-' 1 *!5';0' 6 !! 105';8' % 50$0#' #%$' -' -' $,0' :%#$' 6' $,0' +2, !+<' HNF' $,%$' $,0' 0E%4'-%$' -' $0-5+' %!+' $ ' 300:'*:'$,0' 2 !!0.0+' $,04+0!70+' $ ' %' ,'.,' +$%-5%#5' 6' %59 4'++' -< HJF' $,%$' $,0' #%-.0' 6' 2,'20'-' +*;9 &02$+' 4 %30+' $,0' 0E%4'-%$' -+' %' 6%'#' %-5' !';0#%!' $0+$' 6' % +$*50-$▯+' %;'!'$'0+<' HMF' $,%$' '$' $0-5+

$ ' %' 50+'#%;!0' *-'6 #4'$8' 6' +$%-5%#5+' ; $,' '-' +2, ! %-5'2 !!0.0+< HQF $,%$' $,0' 0E%4'-%$' -+' %+' 2 -5*2$05' 5 ' - $ *-6%'#!8' #%$0' $,0' +$*50-$' 070-' $, *.,' ,0' $%30+' $,04' *-50# +$#%-.0' %-5' #%$,0# 5'66'2*!$ 2 -5'$' -+< HOF $,%$' $,0' 3- 1!9 05.0' $,%$' ,0' 4*+$' :%+' +*2,' %' $0+$' ;#%20+' % :*:'!' 6 # ,'+' ;0+$' O66 #$+' %-5' $,%$' 1,0-' ,0' :%++0+' $,04' ,0'.%'-' % +0-+0' 6'2 -6'50-20' %-5' : 10#< HLF $,%$' $,0' :#'7'!0.0' 6' 20#$'6'2%$' -' '+' 6$0-' %;*+05' ;8' :#'-2':%!+' 0+:02'%!!8' *-50# :#0++*#0' 6# 4' :%#0-$+' # +2, !' ; %#5+< H)F $,%$' *-50#'-6#0U*0-$' #'-2 4:0$0-$' -+:02$' -' : # +2, !+' 6$0-'#04%'-' -' $,0' !'+$< HPF $,%$' 2 4:0$0-$' '-+:02$' -' '+' 5'66'2*!$ %-5' 2 +$!8< H>KF $,%$' $,0' 2 !!0.0+' #0U*'#'-.' 0E%4'-%$' -' .0$;0$$0#' :#0:%#05' +$*50-$+' $,%-' 5 ' $,0' 20#$'6'9 2%$'-.' 2 !!0.0+' +' 1'!!' ;0' +00-' 4%-8' 6' $,0+0' %#.*40-$+' %#0' +$%$040-$+' 6' 6%2$' 1, +0' 7%!*0' 50:0-5+' *: -' :# 6' 6' $,0' 6%2$' $' :#0+0-$ $,0#0' '+' -' +2'0-$'6'2' 07'50-20' $' 0+$%;!'+,' # $' #06*$0' 4%-8' 6' $,0+0' : '-$+< 2 -+0U*0-$!8' $,08' #04%'-' %+' 80$' 4%$$0#+' 6' :'-' -

,0' %#.*40-$+' 6 # $,0' 20#$'6'2%$'-.' # 5'9 :! 4%' +8+$04' %#0' %!+' 4%-8' %-5' !'30' $,0' $,0#+' -' $%!!' 0+$%;!'+,05' H>F *2,' %' +8+$04' ;8' #04 7'-.' %#;'$#%#8' ;%##'0#+' ;#'-.+' %;*$' %' 2! +0# *-' -' ;0$100-' +2, !' %-5' 2 !!0.0' $,*+' !0%5'-.' 4 #0' ; 8+' $' . ' $' 2 !!0.0< HNF *-50# +*2,' %' +8+$04' 2 !!0.0' $0%2,0#+' %-5' ,'.,' +2, !' $0%2,0#+' 2 40' $' *-50#+$%-5' 0%2,' $,0#¡+' 1 #3' ;0$$0#' $' $,0' .#0%$' %57%-$%.0' 6' ; $,' 6'0!5+< HJF '-+:02$' -'!'6$+' $,0'+$%-5%#5' 6',.,' +2, !' 1 #3< HMF '$'%!! 1+' 4 #0' 6#005 4''-''-9 +$#*2$' -' %-5' +' .'70+' %;0$$0#2,%-20' $' $,0' ; 8' 1,' '+-$'.'-.' $' 2 !!0.0< HQF R'2#%4 4'-.' 6 # 0E%4'-%$' -S' %2 -60++05' 07'!' 5'+%:0%#+' %-5' $,0' :*:'!' 4%8' +$*58' $,0' +*;&02$' 6 #'$9 +0!6 #%$,0#$,%-' %+' %+*;&02$' $' ;0' 0E%4'-05' '-< HOF $,0' +2, !' #02 #5' 6' %' ; 8¡+' 1 #3' 0E$0-5'-.' 70# 6 *# 80%#+' %-5' $%3'-.' '-$' %22 *-$',+' :0#+ -%!' U*%!'$'0+' '+' %' 6%'#0# $0+$ $,%-' %-8' ;#'06' %-5' '4:0#+ -%!' 0E%4'-%$' -< HLF $,0' 2 -5'$' -+' *-50# 1,'2,' 0E%4'-%$' -+' %#0' $%30-' :!%20' $,0' 2%-5'5%$0' %$' %.#%70' 5'+%59 7%-$%.0< H)F $,0' 20#$'6'2%$0' +8+$04' +02*#0+' (' ;0$$0#.#%50' 6' :*:'!+

-0' 6' $,0' 4 +$' 066 02$'70' %-5' 6%#?#0%2,'-.' 4 7040-$+''-$,'+' 1, !0' 6'0!5' '+' $,0' 1 #3' 6' $,0' !!0.0' -$#%-20' E%4'-%$' -' %#5' 4<% %*% $+' '-6!*0-20',%+';00-'5'+$'-2$!8''-'$,0' 5'#02$' -' 6' 4%'-$%'-'-.'*-'6 #4'$8' '-' $,0' 2 *#+0+' %-5' 0+$%;!'+,'-.'*-'6 #4'$8' '-' $,0' -%$*#0' 6' $,0' '-+$#*2$' -' $+' 0E%4'-%$' -' U*0+$' -+' %#0' +$*5'05' ;8' $0%2,0#+' %+' %' .*'50' '-' $,0'# 1 #3< %-5' '$+' +$%-5%#5+' ,0!:' $,0' 10%30# +2, !+' 300:' $ ' %' 6%'# !070!' 6' %2,'070 40-$

, "5"" +&$(+1"' "K#/$" . "+&%' /+' (&/+' (+!')$""0' /' ' %' -*4;0#' 6' 80%#+' %6$0# >)LK$,0#0' 1%+'-'0++0-$'%!'2,%-.0' '-' $,0' #0U*'#09 40-$+' 6 # 0-$#%-20' $' 2 !!0.0' '-' %$'-' %-5' #003' ,0#0' 1%+'+*;+$%-$'%!'%.#0040-$*:-' $,0' 4%'-' %*$, #+' #0U*'#05'' % %' '-' #003' W0-:, -¡+' 2 ' %-5' 40#< '-' %$'-' %0+%#' '20# ' %-5' 0#.'!<;*$' $,0#0' 1%+' 1'50' 5'70#.0-20' %+' $ ' $,0' %4 *-$+' 6' $,0+0' : %#$'2*!%#

%*$, #+' #0U*'#05' %-5' %' -*4;0# 6' 2 !!0.0+' #0U*'#05' $,0' +*;+$'$*$' -' 6' $,0# %*$, #+' 6 # :%#$+' 6' $,0+0<+''-' #003' 0# 5 $*+'%-5':%#$+' 6' W0-:, -¡+' 1 (' #' 8+'%+' %-5' '-'+ 40' 2%+0+' %-8' 2!%++'2%!' %*$, #' -' $,0' 2%+0' 6' 40#+40' 4%50' -' #0U*'#040-$+' 6'+:02'%!' ; 3+' $,0#+' %!! 105' $,0' +*;+$'$*$' -' 6' :%#$+' 6' $,0' ! !' 6 #$,0', 6' 0$2''-' %$'-'6 #' %0+%#' 0:+' #+0!02$' -+' 6# 4' %#0%50#' 6 #' 0#.'!':%#$+' 6' 7'5'6 #+40' :%#$+' 6' '20# ' %!!*+$'0$2' ,0#0' 1%+'%1'50' 5'70#.0-20' '-' $,0' %4 *-$#0U*'#05' $'7%#'05''-' #003' 6# 4'$1' $'6 *#;3+' 6' 40#' -' %$'-'1,'!0' $,0' #0U*'#040-$+''-' %0+%#H # %2 ##09+:-5'-.' %4 *-$' 6' 0:+F' %-5''-' '20# ' H # %2 ##09+:-5'-.' %4 *-$' 6' %!!*+$F' 10#0' .0-0#%!!8' $,0' +%40' $,0' 2 !!0.0+' 7%#'05''-' %+3'-.' 6# 4'$1' ;3+' 6' 0#.'!' $' -'-0'%-5' %' -*4;0# #0U*'#05' $,0' 3 '%-5' $,0' (0 %' !%#.0' :# :#9 $' -' 6' $,0' 2 !!0.0+' #0U*'#05' %-' 0E%4'-%$' -''-' +'.,$'$#%-+!%$' -''-'; $,'+*;&02$+'6 !! 1'-.' $,0' 0E%4:!0'+0$' ;8' $,0' -'70#+'$8' 6' '2,'.%-'%-5' $,0' 2 -6*+' -' 1%+' +' 0E$#040' $,%$' #' %-9 2# 6$' $,0' :#'-2':%!' 6' ,'!!':+' E0$0#' 2%504 8' #04%#305''-'>))Q' $,%$' R' *$' 6' 70#6 #8$' ;8+' 6 #'2 !!0.0' -0E$'80%#' 10' ,%70' 70#'$10-$8'+0-' #2!%++0+ S' ,0' 2 -6*+' -' 1%+' #0-50#05' 1 #+0' 2 -6 *-505';8' $,0' %2$' -' 6' %#7%#5' -'70#9 +'$8' 1,'2,''-'>))O' +*;+$'$*$05' 6 #' $,0' +:02'6'2' #0U*'#040-$+',$,0#$' '-' 7 .*0' %' .0-0#%!' #09 U*'#040-$+' 6' +',$' $#%-+!%$' -' 6' +'4:!0' $$'2' :#+0' %-5' 70#+0' %-5' +'4:!0' %$'-' :#+0' %-5' 70#+0' ,'+' 0E%4:!0' 1%+' 6 !! 105' 4 #0' # !0++';8' $,0# 2 !!0.0+':%#$'2*!%#!8' #8-' %1#' 1,'2,'%5 :$05' $,0' +%40' :!%-''-'>)PM

,0' !%23' 6' *-'6 #4'$8' '-' $,0' 0-$#%-20' #09 U*'#040-$+''-2!%++'2+' 1%+' #0:#0+0-$05''-' $,0# 5'#02$' -+'%-5'!05' $' $,0' %:' '-$40-$' '-' >)PQ' ;8' $,0' %$' -%!' 5*2%$' -' ++2'%$' -' 6' %2 44'$$00' $''-U*'#0' '-$'%-5'#0:#$*:-' $,0' 1,!0'+*;&02$' 6'2 !!0.0' 0-$#%-20' #0U*'#040-$+' ,'+' 2 44'$$00' .%$,0#05' $ .0$,0# % !%#.0' %4 *-$' 6' 4%$0#'%!' 1'$,'#0.%#5' $' $,0' 7%#8'-.' 2 -5'$' -+''-$,0' -'$05' $%$0+'%-5':*;!'+,05'%:#0!'4'-%#8'#0:#$''-$,0'.('" $6' !' ' ::' JM>?MOK' $' %;*$' $,0' +%40' $'40' $,0' 40#'2%-' ,'! ! .'2%!' ++2'%$' -' %::' '-$05''-' 0204;0#' >)PM'%' 44'$$00' 6' 10!70' $' $%30''-$'2-+'50#%$' -' $,0' U*0+$' -' %+' $' $,0' %4 *-$' 6' #003' %-5' %$'-' -00505' 6 #' $,0' 7%#' *+' 2 *#+0+' '-' +02 -5%#8' +2, !+' ,'+' 2 44'$$00' '-' >)PO' %$' $,0' +*..0+$' -' 6' $,0' %$' -%!' 5*2%$' -' ++2'%$' -' 1%+' 6*#$,0# 5'#02$05' $' :#0:%#0' %$' '$+' 2 -70-'0-20' %' #0:#$-' $,0' :#:0#2 *#+0' 6' +02 -5%#8' '-+$#*2$' -''-' %$'-'%-5' #003' 6$0#' %' 7%+$%4 *-$' 6'!%;#$,0' 2 44'+*+' -' 6'-%!!8' 4%50' %' #0:#$' %$' $,0' 400$'-.' 6' $,0' 40#'2%-' ,'! ! .'2%!' ++2'%$' -''-' >)PP' :#'-$05''-' !' WWW' 6' $,0' (# 6' :0-5'E':' EE7''

,0' :#;!04' 1'$,' #0.%#5' $' $,0' 2 *#+0+' '-' #003' 1%+' 2 4:%#%$'70!8'+'4:!0' ,0' #0U*'#09 40-$+' 6 #' $,0' $,#00?80%# 2 *#+0' %#0' 5'7'505' %+' 6 !! 1+' H 00' 40#'2%-' ,'! ! .'2%!' ++2'%$' -' (6' !' WWW' :' E07'' 66 F

) 1 >+$ 80%#' -$# 5*2$ #8' !0++ -+< W0- : . -'
2 ' HNK' $ ' JK' : : F< +'. ,$ #0%5'- .< 1#'$'- .<
.#%4 4%#' N-5' 80%#' 2 ' #' $,0#' $$'2'
:# +0' HLQ' $ ' >NK' : : F< +'. ,$ #0%5'- .< 1#'$'- .<
.#%4 4%#' ;%+05' -' 2 6' 3+' > %-5' N' J#5'
80%#' 40#' HNQKK'$ 'MKKK'!'-0+F< $$'2' :# +0' HNQ
: : F
% # >+$ 80%#' -$# 5*2$ #8' !0++ -+< 0%+8' #0%5'-.'
HNK'$ ' JK' : : ' 6'2 -+02*$'70'$0E$F< 1#'$$0-'0E0#2'+0+'
N-5' 80%#' %+%#' % '2 L%# HM' #'Q' ; 3+F' $,0#'
1#'$0#+' % % 0: +' H$1 ' ; 3+F< :# +0'2 4: +'$' -'
%$' !0%+$ -20' %' 1003< #0%5'-.' %! *5' 404 #'G'-.'
:%++%.0+' O$2' J#5'%-5'M$,'80%#+T %!!*+$' %'G'40<
'20#' HO' $ ' P' #%$' -+'' -2!*5'-.' ' $*)
7'5' HQKK' $ ' >QKK' !'-0+F< 0#.'!' ' HO' $ ' P'
; 3+F< -0' :0#' 5' %' 1003' '-' %$'-' 2 4: +'$' -'
#0%5'-.'%! *5' 404 #'G'-.' 6' +0!02$05' :%++%.0+

,0' 6'70? %-5' +'E?80%# 2 *#+0+' 10#0' 40#0!8'
%4:!'6'2%$' -+' 6' $,0' 6 *#?80%# 2 *#+0' :%#9
$'2*!%#!8' '-' '-2#0%+'-.' $,0' $'40' 507 $05' $'
$,0' 0!040-$%#8' +$*58' %-5' %55'-.' 6*#$,0#
1 #3' '-' %57%-20' 6' $,0' 6 *#$,' 80%#!+' #0U*'#09
40-$+

;+0#70#+' 6' $,0' #0+*!$+' 6' $,0' 0E%4'-%$' -+'
6' $,'+' :0#' 5' :%#$'2*!%#!8' %+' +0$' 6 #$,''-' $,0'
#0: #$+' 6' $,0' !!0.0' -$#%-20' %#5' 2 -9
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07'50-$'!%23' 6'+*220++' 6' $,0' $0%2,'-.' 6' %$'-'
'-' $,0' +2, !+' %+' %' :#0:%#%$' -' 6 #' $,0+0' 0E9
%4'-%$' -+< %-5' %! -.' 1'$,' $,0' 50+'#0' 6 #' *-'9
6 #4'$8' '-' 2 !!0.0' 0-$#%-20' 0E%4'-%$' -+' .#01'
$,0' 50+'#0' $ ' '-2#0%+0' '6' : ++';!0' $,0' 066'2'0-28'
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40-$'-' $,'+' #0.%#5' $ 3' $,0' 6 #4' 6' .#0%$!8'
'-2#0%+05' 04:,%+'+' -'+'.,$' $#%-+!%$' -' %+' $,0'
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6 #4'$8' '-' 2 !!0.0' 0-$#%-20' #0U*'#040-$+' '
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'-.' 6' $,0' 40#'2%-' ,'! ! .'2%!' ++ 2'%$' -'
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6' +$%$'-.'%-5' 4 5'68'-.' $,0' #0U*'#040-$+' '-'
2-6 #4'$8' 1'$,' $,0' -01' '50%+' '-' $0%2,'-.'
,'+' 2 44'++' -' 4%50' '$+' #0: #$' %$' $,0' 400$9
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5%$0' 1'$,' U*0+$' -+' -' +*';&02$' 4%$$0#'!'$0#9
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!'+,'/' '-20' >))Q' $,0' :#0:%#%$' -' 6 #' 2 !!0.0'
'-' -.!'+,',%+' 07 305' 4 #0' 5'+2*++' -' $,%-'
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'+',1070#'2 4:%#%$'70!8'#020-$' -.'%$0#
$,0' %54'++' -' #0U*'#040-$+' '-' %$'-' #003'
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-'-.' 6' $,0' -'-0$00-$,'20-$*#8'$,0#0' %:0%#
+ 40'+!'.,$';0.'--'-.+' $,'-.' %:0%#05'
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7'01' 6' -.!'+,'%+' %' :#0:%#%$ #8'+*';&02$'
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1%+'$,0' .0#4' 6' $,0' +8+$04' R' %2,'
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R' 1'!!' ;0' #0U*'#05' $ ' 1#'$0' %' +, #$' -.!'+,' 2 4 : +'$' -' 2 ##02$' '-' +:0!!'-. ' : *-2$*%$' -' .#%4 4%#' %-5' 0E:#0++' -' $,0' +* ;&02$' $ ' ;0' $%30-' 6# 4' +*2,' 1 #3+' 6' +$%-5%#5' %*$, #+' %+' +,%!!' ;0' %-- *-205' 6# 4' $'40' $ ' $'40' ,0' +* ;&02$' 6 #' >)LM' 1'!!' ;0' $%30-' 6# 4' -0' 6' $,0' 6 !! 1'-.' 1 #3+<' ,%30+:0%#0!+' 6' C0 0' (8 6' ' (' /' ( )' !59 +4 '$,!+' (' /' 9 /)' 2 $$!+', ' %-5' !' /' ' %J' ,'+' :!%-' 1'$,' 7%#' *+' 4 5'6'2%$' -+' 1%+' %5 :$05' ;8' $,0# 2 !!0.0+' ;8' '2,'.%-' '-' >)L)' ;8' #-0!!' '-' >))J' ;8' #'-20$ -' '-' >))Q' ;8' !* 4 ;'%' '-' >)P>' %-5' ;8' %!0' '-' >)PM' 8' >)PL'%+' 4%-8'%+' 0'.,$8' 6' $,0' !0%5'-.' 2 !!0.0+' ,%5' %5 :$05' $,0' .0-0#%!' :!%-' 40' 6' $,0' 2 !!0.0+' 0E%4'-05' -' -!8' %'+'-.!0' %*$, #' %+' :0#' #7'-.' #' !5+4 '$,' *$'.#%5*%!!8' $,0' !'+$'.#01' *-$'!' ;8' >)PQ' $0-' #' $10!70' ; 3+' 10#0' #0U*'#05' ;8' &-%-8' 6' $,0' 2 !!0.0+' '-' :!%20' 6' $,0' ,%!6' 5 G0-' 6' $,0' 0%# 0# #0U*'#040-$' ,0#0' 1%+' +$'!!' , 1070#'.#0%$' 5'70#+'$8' -$' -!8' '-' $,0' ; 3+' #0U*'#05' ;8' $,0' 7%#' *+' 2 !!0.0+' ;*$'%!+' '-' $,0' -%$*#0' 6' $,0' 0E%4'-%$' -+' +'%' #0+*!$' '-' %' +*;&02$' %$' ;0+$'+' '-506'-'$0' %+' -.!'+,' $,0' 6'$9 $'-.'+2, !+' 6 *-5' $,0'#' $%+3'+0#' *+!8' 2 4 :!'9 2%$05' %#' *+' %$$04 :$+' 10#0' 4%50' $ ' *-'68' %-5' +$%-5%#5'G0' $,0' #0U*'#040-$+' ,0' 6'#+$' 10#0' ;8' $,0' 01' -.!%-5' 44'++' -' 6' !9 !0.0+' 4<% %*' '-' >))Q' %-5' ;8' $,0' ++ 2'%$' -' 6' !!0.0+' %-5' #0:%#%$ #8' 2, !+' 6' $,0' '59 5!0' $%$0+' %-5' %#8!%-5' 4<% %*' '-' >))L' -' >)PM' $,0' #02 4 4 0-5%$' -+' 6' $,0+0' $1' %++ 9 2'%$' -+' 10#0' ;# *.,$' $ .0$,0#' %-5' %#07'+05' !'+$' 6' ; 3+' 1%+' %.#005' *: -' ;8' ; $,' %-5' %5 :$05' ,'+' !'+$' 1%+' %220:$05' %!+' ;8' $,0' ++ 2'%$' -' 6' *$,0#-' !!0.0+' %-5' #0:%#%9 $ #8' 2, !+' %-5' ;8' $,0' #$,' 0-$#%!' ++ 9 2'%$' -' H 00' ' ;% #% #' %# ' 6 / '% #' $ % *5' ,0' 44'$$00' 6' 0-' 4<% %*' %:: '-$05' '-' >)PN' ;8' $,0' %$' -%!' 5*9 2%$' -%!' ++ 2'%$' -' $' '-U*'#0' '-$' $,0' 1, !0' 4%$$0#' 6' +02 -5%#8' 2*##'2*!%' .%70' 0+:02'%!' %$$0-$' -' $' $,0' *-'6'2%$' -' 6' $,0' -.!'+,' #09 U*'#040-$+' %-5' %!+' $ ' %' 6 #4*!%$' -' 6' %' 2 *#+0' 6' +$*58' %-5' 6' $,0' :#'-2':!0+' 1,'2,' +, *!5'. 70#-' '-+$#*2$' -' '-' -.!'+, '-20' >)PQ' $,0' 4 5'6'2%$' -' 6' $,0' #0U*'#09 40-$+' ,%+' ;00-' '-' $,0' ,%-5+' 6' % %$' -%!' -60#0-20' -' !!0.0' -$#%-20' 0U*'#09 40-$+' '-' -.!'+, ' ,'+' -60#0-20' '+' %' & '-$' 2 4 4 '$$00' 2 4 : +05' 6' 50!0.%$0+' 6# 4' $,0' 2 !9 !0.0' %-5' :#0:%#%$ #8' +2, !' %++ 2'%$' -+' 40-9 $' -05' %' 70' %-5' %!+' 6# 4' $,0' 01' -.!%-5' ++ 2'%$' -' 6' !!0.0' %-5' #0:%#%$ #8' 2, !+' %-5' $,0' !!0.0' -$#%-20' E%4'-%9 $' -' %#5' 4<% %*' ,0' #0: #$+' 6' $,'+' 2 49 4'$$00' 1,'2,' 400$+' %$' !0%+$' 070#8' $,#00' 80%#+' %#0' #060##05' $ ' $,0'# #0+:02$'70' %++ 2'%$' -+' 6 #' %5 :$' -' -' -0' 6' '$+' 400$'-.+' H>)PLF' '$' 1%+' %.#005' $,%$' $,0' -.!'+,' 2 *#+0' '-' $,0' ,'.,' +2, !+' +, *!5' ;0' $,0' +%40' 6 #' $,0' +$*9 50-$+' 1,' 10#0' -$',' +$%-5' +*22005'-.' 400$9 '-.+' 6' $,0' 2 -60#0-20' $,0' 2 *#+0+' 6' +$*58

10#0' 6#%405' ;8' $,0' -60#0-20' 1'$,' $,'+' :#'-2':!0' '-' 7'01' %#$!8' %+' %4%$$0#' 6' 2 -9 70-'0-20' %-5' :%#$!8' '-' %220:$%-20' 6' $,'+' 7'01' $,0' ,'.,' +2, !+' ,%70' :#0$$8' .0-0#%!!8' %5 :$05' $,0' #02 4 4 0-5%$' -+' 6' $,0' 2 -60#9 0-20' 1,'2,',%+' $,*+' 2 40' $ ' +0$' $,0' -#4' #' +$%-5%#5' 6 #' 4 +$' 6' $,0' +02 -5%#8' '-+$#*2$' -' '-' -.!'+,' $,# *., *$' $,0' 2 *-$#8' ,0' #02 4 4 0-5%$' -+' ,%70' $, *.,' 6#0U*0-$!8' 4 5'6'05' '-' $,0' !'.,$' 6' 0E:0#'0-20' -$' ;00-' *-'70#+%!!8' +%$'+6%2$ #8' %$' %-8' $'40' %-5' %#0' -$' +' %$' :#0+0-$' $' ,%+' ;00-' '4: ++';!0' $ ' 400$' $,0' +:02'%!' -005+' 6' %!!' :*:'!+' %-5' $,0' +:02'%!' $%+$0+' %-5' &*5.40-$+' 6' %!!' $0%2,0#+' *$' - -0' $,0' !0++' $,0' 1 #3' *$!'-05' '-' $,0+0' #0: #$+' '+*+;+$%-$'%!!8' $,0' 2 *#+0' 6' +$*58'6 !9 ! 105' '-' %!4 +$' %!!' $,0' . 5',' .,' +2, !+' %-5' 6'$$'-.' +2, !+' 6' $,0' 2 *-$#8' %-5' '+' $,0' ;%+'+' 6' $,0' 0-$#%-20' 0E%4'-%$' -+' '-' :#%2$'2%!!8' %!!' 6' $,0' . 5' 2 !!0.0+ ,0' 4 +$' :# 4'-0-$' 2,%-.0+' '-' $,0' #020-$' #02 4 4 0-5%$' -+' 6' $,0' 2 -60#0-20' ,%70' ;00-H>F' '-' $,0' 5'#02$' -' 6' 04 :,%+'G'-.' -!'$0#%#8' $,040+' %+' +*;&02$+' 6 #' 2 4 : +'$' -' %-5' HNF' '-' 0-!%#.'-.' $,0' !'+$' 6' ; 3+' 6# 4' 1,'2,' 2, '20+' 4%8' ;0' 4%50' -' >PKQ' $,0' -60#0-20' '-' #0+: -+0' $ ' %.0-0#%!' %-5' '-+'+$0-$' 504%-5' 6 #' R' 4 #0' 6#005 4 S' 0-!%#.05' $,0' !'+$' 6' ; 3+' R' 6 #' #0%5'-.' S' 6# 4' %!' !'+$' 6' 6' $0-' #0U*'#05' $ ' %!'+$' 6' 6 #$8' *$' 6' 1,'2,' $0-' 10#0' $ ' ;0' 2, +0-' -' 'PK)' %-5' >PKP' $,0' !'+$' 1%+' +$'!!' 6*#$,0#' 0-!%#.05' ,0' #0: #$' 6' $,0' !%+$' -60#0-20' ,0!5' 0;#*%#&:' >PKP' %-5' 4%3'-.' #02 4 4 0-5%$' -+' 6 #' $,0' 80%#+' >P>J' >P>M' %-5' >P>Q' '-5'2%$0+' $,0' :#0+0-$' +$%$*+' 6' $,0' +*;&02$+' H 00' % ' # * ' #' ' ,' * 5' ' ' !!0.0' -$#%-20' 0U*'#040-$+' '-' %$,09 4%$'2+ /' ,0' 0-$#%-20' #0U*'#040-$+' '-' 4%$,09 4%$'2+' '-' $,0' 40#'2%-' 2 !!0.0' 10#0' 70#8' !'49 '$05' *-$'!' 10!!' '-$' $,0' -'-0$00-$,' 0-$*#8' $' :#0+0-$' $,0#0' '+' %' #%$,0#' *-'6 #4' #0U*'#040-$' '-' $,0' 7%#' *+' 2 !!0.0+' 6' %!.0;#%' $,# *., U*%5#%$'2+' %-5' :!%-0' .0 40$#8' %-8' 0+$90#-' 2 !!0.0+' #0U*'#0' :!%-0' %-5' + !'5' .0 40$#8' #020'7'-.' +$*50-$+' *: -' 20#$'6'2%$0' %-5' 509 4%-5'-.'%' !0++' '-$0-+'7"0' 2 *#+0' '-' :!%-0' .0 49 0$#8' ;*$' %;# %50#' 2 *#+0' '-' $,0' 0-$'#0' 0!09 40-$%#8' 6'0!5' 02,-! .'2%!' 2 *#+0+' *+*%!!8' #0U*'#0' + !'5' .0 40$#8' 6 #' 0-$#%-20' %-5' 6$0-' :!%-0' $#'. - 40$#8' %+' :0!!' !' 2 !!0.0+' .'70' %57%-20' 2#05'$' 6 #' ,'.,0#' %!.0;#%'+ !'5' .0 49 0$#8' %-5' $#'. - 40$#8' '-' 2%+0' $,0+0' +*;&02$+' %#0' -$' #0U*'#05' 6 #' 0-$#%-20' ;*$' %#0' 660#05' %+' :%#$' 6' $,0' :#0:%#%$ #8' 1 #3 ,0' !!0.0' -$#%-20' E%4'-%$' -' %#5' 4<% %*'6 *-505' '-' >PKK' %'7 !*-$%#8' #.%-'G%$' -' 6' #0:#0+0-$%$'70+' 6# 4' 7%#' *+' 2 !!0.0+' %-5' *-'70#+'$'0+' %$' :#0+0-$' +0$+' 0E%4'-%$' -+' '-' $,0'6 !! 1'-.'+*;&02$+'T 4 *' !040-$%#8' !.0;#%T H'F' !.0;#%' $ ' U*%5#%$'2+' %-5' H''F' U*%5#%$'2+' %-5' ;08 -5' ,'+' '+' 5'7'505' '-$' $1' 0E%4'9 -%$' -+' $,0'6'#+$' '-2!*5'-.'# $+' %-5' $,0' $,0 #8' 6' 0E: -0-$+' %-5' $,0' +02 -5' 2 70#'-.' U*%59 #%$'2' 0U*%$' -+' $,0' ;'- 4'%!' $,0 #04' 6 #' : +'?

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$'70ſ'-$0.#%!ſ 0E: -0-$+ſ%-5ſ6 #4*!%+ſ6 #$,0ſ-$,ſ $0#4ſ%-5ſ$,0ſ+*4ſ 6ſ%#'$,40$'2%!ſ%-5ſ.0 40$#'2ſ :# .#0++' -+ſ HOFſ 57%-205ſ%!.0;#%ſ ,'+ſ'-9 2!*50+ſ :0#4*$%$' -+ſ%-5ſ2 4;'-%$' -+ſ 2 49 :!0Eſ -*4;0#+ſ 1'$,ſ .#%:,'2ſ #0:#0+0-$%$' -ſ 6ſ +*4+ſ%-5ſ 5'660#0-20+ſ 50$0#4'-%-$+ſ2,'06!8ſ 6ſ #50#+ſ- $ſ0E2005'-.ſ6 *#ſ -*40#'2%!ſ0U*%$' -+ſ 6ſ,'.,0# 50.#00ſ 0+2%#$0+ſ #*!0ſ 6ſ+'.-+ſ%-5ſ #-0#ſ 40$, 5ſ 6ſ+ !*$' -ſ H2Fſ !%-0ſ.0 49 0$#8ſ ,0ſ!'4'$%$' -+ſ%#0ſ- $ſ506'-'$0!8ſ6'E05ſ ;8ſ $,0ſ ; %#5ſ$,0ſ+$%$040-$ſ ;0'-.ſ R ,0ſ *+*%!ſ$,0 #04+ſ%-5ſ2 -+$#*2$' -+ſ 6ſ. 5ſ$0E$9 ; 3+ſ'-2!*5'-.ſ$,0ſ.0-0#%!ſ:# :0#$'0+ſ 6ſ:!%-0ſ #02$'!'-0%# 6'.*#0+ſ $,0ſ2'#2!0ſ%-5ſ$,0ſ 40%+*#09 40-$ 6ſ %-.!0+ſ +'4'!%#ſ : !8. -+ſ %#0%+ſ #0.*!%#ſ : !8. -+ſ%-5ſ$,0ſ 40%+*#040-$ſ 6ſ$,0ſ 2'#2!0ſ ,0ſ + !*$' -ſ 6ſ -*40#ſ *+ſ #'.'-%!ſ 0E0#2'+0+ſ 4 *ſ !'5ſ.0 40$#8ſ ,'+ſ #09 U*'#040-$ſ'+ſ%!+ſ!06$'-506'-'$0ſ;*$ſ'$2 70#+ſ $,0ſ.# *-5ſ 6ſ+!'5ſ.0 40$#8ſ%+ſ.'70-ſ;8ſ 0.0-5#0ſ*:-ſ1,+0ſ1#34+$ſ 6ſ*# 40#9 '2%-ſ $0E$;3+ſ%#0ſ;%+05ſ 4 *ſ #'.-40$#8ſ ,0ſ#0U*'#040-$+ſ%#0ſ%+ſ6!!1+ſ 06'-'$'-+ſ %-5ſ#0!%$'-+ſ 6ſ$,0ſ+'E$#'.-40$#'2ſ6*-2$'-+ſ %+ſ #%$'+ſ 2'#2*!%# 40%+*#040-$ſ 6ſ%-.!0+ſ :# 6+ſ 6ſ:#'-2':%!ſ6#4*!%+ſ'-ſ:%#$'2*!%#ſ6#ſ $,0ſ+'-0ſ2+'-0ſ%-5ſ$%-.0-$ſ 6ſ$,0ſ+*4ſ%-5ſ $,0ſ5'660#0-20ſ 6ſ$1ſ%-.!0+ſ 6ſ$,0ſ5*;!0ſ %-.!0ſ%-5ſ$,0ſ,%!6%-.!0ſ$,0ſ:#5*2$'0E:#0++'-+ſ 6#$,0ſ+*4ſ#$,0ſ5'660#0-20ſ 6ſ$1ſ+'-0+ſ#ſ 6ſ $1ſ2+'-0+ſ0$2<ſ$,0ſ$#%-+6#4%$'-ſ 6ſ$#'.9 -40$#'2ſ0E:#0++'-+ſ;8ſ40%-+ſ 6ſ$,0+0ſ6#9 4*!%+<ſ+!*$'-ſ 6ſ$#'.-40$#'2ſ0U*%$'-+ſ 6ſ%ſ+'4:!0ſ2,%#%2$0#<ſ$,0#8ſ%-5ſ*+0ſ 6ſ !.%#'$,4+ſH1'$,*$ſ,0ſ'-$# 5*2$'-ſ 6ſ1#3ſ '-7!7'-.'-6'-'$0ſ+0#'0+F<ſ$,0ſ+!*$'-ſ 6ſ#'.,$ %-5ſ;!'U*0ſ$#'%-.!0+ſ%-5ſ:#%2$'2%!ſ%:!'2%9 $'-+ſ'-2!*5'-.'$,0ſ+!*$'-ſ 6ſ#'.,$'+:,0#'2%!ſ $#'%-.!0+

$'+ſ,%#5!8ſ:#;%;!0ſ$,%$ſ1'$,ſ$,0ſ:#0+0-$ +2, !+8+$04ſ$,0ſ0-$#%-20ſ#0U*'#040-$+ſ2%-ſ ;0ſ4%$0#'%!!8ſ%57%-205ſ ,08ſ4%8ſ;0ſ2,%-.05ſ $ſ2 70#ſ%;#%50#6'0!5ſ!0+ſ$,#*.,!8ſ;*$ſ$,0ſ $'40ſ50+ſ-$ſ:0#4'$ 6ſ%-8ſ4#0ſ0E$0-505ſ $#0%$40-$ 6ſ4%$,04%$'2+ſ+%70ſ%+ſ%-ſ0!02$'70ſ $'+ſ2 4'-.'$ſ;0ſ60!$,%$ſ$1ſ80%#+ſ507 $05ſ $ſ4%$,04%$'2+ſ'-ſ$,0ſ,'.,+2, !'+ſ%!ſ$,%$ſ 2%-ſ;0ſ504%-505ſ%-5ſ'-ſ$,'+ſ$'40ſ'$'+ſ-$ſ :#;%;!0ſ$,%$ſ 4 #0ſ2%-ſ;0ſ%$$04:$05ſ$,%-ſ %!.0;#%ſ$,#*.,U*%5#%$'2+ſ%-5ſ:!%-0ſ.0 490$#8ſ

!!0.0ſ-$#%-20ſ0U*'#040-$+ſ'-ſ 504ſ %-.*%.0+ſ/ſ!$,*.,'%-*4;0#6ſ40#'2%-ſ 2!!0.0+ſ,%5ſ;0.*-$ſ$0%2,#0-2,';06#0ſ$,0ſ 0-5ſ6ſ$,0ſ0'.,$00-$,'20-$*#8ſ%-5ſ0#4%-'-$,0ſ 6'#+$,%!6ſ6ſ$,0ſ-'-0$00-$,'80$4 50#-'!%-.*%.0+ſ 10#0ſ-$#0.%#505ſ+0#'*+!8ſ'-ſ 40#'2%-ſ,'.,0# 05*2%$'-ſ*-$'!ſ2 4:%#%$'70!8ſ#020-$ſ$'40+ſ 0'$,0# #0-2,'-#0#4%-ſ1%+ſ#0U*'#05ſ6#

%54'++'-ſ;8ſ%-8ſ40#'2%-ſ2!!0.0ſ;06#0ſ >)LQ'ſ-ſ>)L>ſ%#7%#5ſ660#05ſ%-ſ:$'-%!ſ %54'++'-ſ0E%4'-%$'-ſ'-ſ#0-2,ſ6#$,+0ſ +$*50-$+ſ1,ſ1'+,05ſ$ſ;0ſ0E2*+05ſ6#4ſ:*#9 +*'-.'$,'+ſ+*;&02$ſ'-ſ2!!0.0ſ-ſ>)LQ',19 070#ſ%ſ3-1!05.0ſ6ſ0'$,0#ſ#0-2,ſ#0#4%-ſ 1%+ſ#0U*'#05ſ6ſ%!ſ2%-5'5%$0+ſ6#%54'6++'-ſ ,0ſ#0U*'#040-$ 1%+ſ506'-05ſ%+ſR'$#%-+!%$'-ſ %$+'.,$?6ſ0%+8ſ#0-2,S' #6'2'0-28ſ'-ſ.#%49 4%#1%+ſ%220:$05ſ%+ſ%-ſ66+0$ſ6#+40ſ506'9 2'0-28ſ'-ſ$#%-+!%$'-

#$,0ſ2*#+0+ſ!0%5'-.'$ſ'$,0ſ,ſ#ſ 50.#00+ſ1,'2,ſ,%5ſ;00-ſ'-+$'$*$05ſ'-ſ4%-8ſ 2!!0.0+ſ;0$100-ſ>)QK%-5ſ>)LK'%-ſ0!040-$%#8ſ 3-1!05.0ſ6ſ0'$,0#ſ#0-2,ſ#0#4%-ſ1%+ſ.0-9 0#%!!8ſ%220:$05ſ'-ſ:!%20ſ6ſ:%#$ 6ſ$,0ſ#0U*'#09 40-$+ſ'-ſ$,0ſ2!%++'2+ſ $'!!ſ070-ſ%+ſ!%$0ſ%+ſ >)PL'-!8ſ>NJſ*$ 6ſJ>)ſ2!!0.0+ſ%-5ſ+2'0-$'6'2ſ +2,!+ſ'-ſ$,0ſ-'$05ſ$%$0+ſ#0U*'#05ſ%4 504ſ !%-.*%.0ſ6#%54'++'-ſ$ſ$,0ſ 2*#+0ſ 1,'10ſ>LOſ#0U*'#05ſ%$'-ſ6ſMJNſ'-+$'$*$'-+ſ ,%7'-.ſ 2*#+0+ſMKNſ#0U*'#05ſ%$'-ſJ>)ſ #0U*'#05ſ#003ſ1,'10ſ-!8ſOKſ#0U*'#05ſ%4 59 0#-ſ!%-.*%.0ſ%-5ſNQ%!!105ſ$,0ſ+*;+$'$*$'-ſ 6ſ%4 50#-ſ!%-.*%.0ſ6#ſ#003ſ4" %ſ %6#ſ>)PO?>)PLſ::ſMQL?O>JFſ $ſ$,0ſ :#0+0-$ſ$'40ſ4 50#-ſ!%-.*%.0+ſ4%8ſ;0ſ6#00!8ſ +*;+$'$*$05ſ6#ſ#003ſ'-ſ-0%#!8ſ%!!?%-5ſ6#ſ %$'-ſ'-ſ70#8ſ4%-8ſ6ſ$,0ſ;0+$ſ2!!0.0+ſ%!9 $,*.,ſ6#0U*0-$!8ſ1#3ſ'-ſ4 50#-ſ!%-.*%.0+ſ '+ſ+$'!!ſ.'70-ſ!0+ſ10'.,$ſ'-ſ$,0ſ#0U*'#040-$+ſ 6#%54'++'-ſ$,%-ſ2##0+:-5'-.ſ1#3ſ'-ſ$,0ſ 2!%++'2+

,0#0ſ*+05ſ$ſ;0ſ%-5ſ$ſ%20#$%'-ſ0E$0-$+$'!!ſ '+ſ.#0%$ſ5'70#+'$8ſ'-ſ$,0ſ506'-'$'-ſ6ſ$,0ſ#0?ſ U*'#040-$+ſ 40ſ'-+$'$*$'-+ſ504%-505ſ-!8ſ $,0ſ%;'!'$8ſ$ſ#0%5ſ+'4:!0ſ:#+0ſ%-5ſ:0$#8ſ %$'+'.,$'$,0#+ſ:#0+2#';05ſ$,0ſ-*4;0#6ſ:%.0+ſ 1,'2,ſ,%5ſ$ſ;0ſ#0%5ſ1,'!0ſ-$ſ%601ſ10-$+ſ 6%#%+ſ$ſ0E%4'-0ſ-ſ20#$%'-ſ+:02'6'05ſ.#%49 4%#+ſ%-5'#0%5'-.'$0E$+ſ ,0ſ6'#+$+$0:ſ$1%#5ſ +02*#'-.'.#0%$0#*-'6#4'$8ſ$,#*.,*$ſ$,0ſ 2*-$#8ſ'-ſ !!0.0ſ-$#%-20ſ0U*'#040-$+ſ'-ſ $,0ſ4 50#-ſ!%-.*%.0+ſ%+ſ10!!ſ%+ſ'-ſ$,0#+*;9 &02$+ſ1%+ſ$,0ſ"ſ/ſ ſ/ſ 4<% %# H>)PMFſ1,'2,ſ1%+ſ6!!105ſ;8ſ$,0ſ" ſ /ſ ſ ſ/ſ $ſ6ſ$,0ſ 50#-ſ%-9 .*%.0ſ++2'%$'-ſ6ſ40#'2%ſH>)PPFſ ,0ſ 44'$$00ſ6ſ10!70ſ:#:+05ſ$,#00ſ.#%50+ſ6ſ :#0:%#%$ #8ſ'-+$#*2$'-ſ'-ſ4 50#-ſ!%-.*%.0+ſ $ſ;0ſ3-1-ſ%+ſ$,0ſ0!040-$%#8ſ'-$0#405'%$0ſ %-5ſ%57%-205ſ2*#+0ſ%-5ſ 50+'.-05ſ$ſ2 ##09 +:-5ſ-#4%!!8ſ$ſ2*#+0+ſ6ſ$1ſ$,#00ſ%-5ſ 6*#80%#+ſ#0+:02$'70!8ſ,0+0ſ.#%50+ſ10#0ſ %5:$05ſ;8ſ$,0ſ !!0.0ſ-$#%-20ſ E%4'-%9 $'-ſ %#5ſ%-5ſ'-ſ$,'+ſ1%8ſ%2-+'50#%;!0ſ %4*-$ſ6ſ*-'6'2%$'-ſ,%+ſ;00-ſ%22 4:!'+,05ſ ,0ſ%'4ſ6ſ$,0ſ'-+$#*2$'-ſ%-5ſ$,0ſ%4*-$ſ6ſ 1#3ſ$ſ;0ſ5-0'-ſ$,0ſ5'660#0-$.#%50+ſ'-ſ%29 2#5%-20ſ1'$,ſ$,0ſ#02 440-5%$'-+ſ6ſ$,0ſ 44'$$00ſ6ſ10!70ſ%#0ſ0++0-$'%!!8I'%+ſ6!9 !1+ſ 4 *ſ #'$,0ſ0!040-$%#8ſ2*#+0ſ;'!'$8ſ $ſ$#%-+!%$0ſ%$'+'.,$0%+8ſ:#+0ſ$ſ:*$'-$ſ $,0ſ6#0'.-ſ!%-.*%.0ſ+'4:!0ſ-.!'+,ſ+0-9 $0-20+ſ$%30-ſ6#4ſ$,0ſ!%-.*%.0ſ6ſ070#85%8

!'60' #' ;%+05' *: -' %: #$' -' 6' $,0' 6 #0'.-' $0E$' #0%5' %-5' $ ' %-+10# U*0+$' -+' -' $,0' #*5'40-$+' 6' $,0' .#%44%#' ,0' 1 #3' 6 #' $,'+ 2 *#+0' '+' $ ' 2 -+'+$' '-' #0-2,' %-5' :%-'+,' 6' $,0' #0%5'-.' 6' JQK' $ ' QLQ' :%.0+<' '-' 0#4%-' 6' NNQ' $ ' JKK' :%.0+<' '-' %55'$' -' $ ' 2%#06*!' 5#'!!' '-' :# -*-2'%$' -' $,0' -020++%#&' 1 #3' '-'.#%49 4%#' 1'$,' 0E0#2'+0+' %-5' $#%-+!%$' -+' '-$ ' $,0' 6 #0'.-' !%-.*%.0' HOF' #' $,0' '-$0#405'%$0' 2 *#+0' ;'!'$8' $ ' #0%5' %$' +'.,$' #0-2,' #' 0#4%-' 6' #5'-%#8' 5'66'2*!$8' $ ' :*$' '-$ ' $,0' 6 #0'.-' !%-.*%.0' %2 --02$05' :%++%.0' 6' -.!'+,' ;%+05' -' $,0' $0E$' #0%5' %-5' $ ' %-+10# 4 #0' 5'66'9 2*!$' .#%44%$'2%!' U*0+$' -+' ,0' %4 *-$' 6' #0%5'-.' 6 #' $,'+ 2 *#+0' H$,0' $,'#5' 80%#' 6' $,0' +$*58F' '+' +0$5 1-' %+' MKK' $ ' OKK' :%.0+' 6' #0-2,' #' MKK' :%.0+' 6' 0#4%-' !'$0#%$*#0' 6' $,0' !%+$' -0' ,*-5#05' %-5' 6'6$8' 80%#+' $,%$' '+' 6#00' 6# 4' %-8' *-*+*%!' $0E$*%!' 5'66'2*!$'0+ S' $ ' :*$' '-$ ' $,0' 6 #0'.-' !%-.*%.0' %' :%++%.0' 6' 0%+8' -.!'+,' :# +0' %-5' $ ' 1#'$0' '-' #0-2,' #' 0#4%-' %' +,' #$'0++%8' #' $,040' ,0' #0-2,' #0U*'#040-$' %55+!' R' ' 2%##8' -' %+'4:!0'2 -70#+%$' -'' -' #0-2,S'1,'!0' '-' 0#4%-' R' $,0' %;'!'$8' $ ' %-+10#' -' 0#4%-' U*0+$' -+' #0!%$'-.' $ ' $,0' !'70+' %-5' 1 #3+' 6' $,0'.#0%$' 1#'$0#+' +$*5'05' 6' 6# 4' OKK' $ ' >KKK' :%.0+' 6' +$%-5%#5' #0-2,' 2!%++'2%!' %-5' 4 50#-' #' 6' %;*$' QKK' :%.0+' 6' . 5' 0#4%-' !'$0#%$*#0' #0+:02$'70!8' ;0+'50+' $,0' 1#'$'-.' 6' -*40#*+' +,#$' $,040+' '-509 :0-50-$' $#%-+!%$' -' 6' -.!'+,''-$ ' $,0' 6 #0'.-' !%-.*%.0' %-5' H%$' !0%+$' '-' 0#4%-F' #060#0-20' #0%5'-.+' *: -' $,0' !'70+' %-5' 1 #3+' 6' $,0' .#0%$' 1#'$0#+' +$*5'05 ,'!0' $,0' " ' /' ' ' /' $ 6' 2 -$%'-'-.' $,0+0' #02 4 40-5%$' -+',%+' *-U*0+9 $' -%;!8' ;00-' 6' 70#8' .#0%$' +0#7'20' $ ' $,0' 2%*+0' 6' 4 50#-' !%-.*%.0' '-+$#*2$' -' '-' $,'+' 2 *-$#8' $,0' 0E:0#'0-20' 6' $,0' !%+$' 502%50' ,%+' +*..0+$05' 20#$%'-' 4 5'6'2%$' -+' 1,'2,' 4%8' ;0' +*4 4%9 #'G05' %+' 6 !! 1+!' H>F']*%-$'$%$'70!8' $,0' #09 U*'#040-$+' %#0' $ ' !%#.0' 6 #' $, # *.,''-$0-+'70' 1 #3' $' '+' +%60' $ ' +%8' $,%$' *-50# #5'-%#8' 2 -5'$' -+' '$' '+' '4: ++';!0' $ ' 5 ' $,0' :#0+2#';05' %4 *-$' 6' #0%5'-.' '-' %:# :0# 1%8' '6' 2%#06*!' %$$0-$' -' '+' $ ' ;0'.'70-' $ ' $,0' :# -*-2'%$' -' %-5' '6' $,0' 0# 70#8' '4: #$%-$' !'-0+' 6' 1 #3' 1,'2,' %#0' +*..0+$05' '-' $,0' " ' %#0' $ ' ;0' 2%##'05' -' %$' $,0' +%40' $'40' +' '-' $,0#' +*;9 &02$+' $,0' $0-50-28' '+' - 1' $ ' #05*20' $,0' U*%-9 $'$8' 6' $,0' #0U*'#040-$+' %-5' $ ' 0-%;!0' $,0' +2, !+' $ ' 5 ' 4 #0' $, # *.,' 1 #3' %-5' $ ' :# 9 5*20' 4 #0' +%$'+6%2$ #8' #0+*!$+' $,%-' $,08' 5 ' %$' :#0+0-$' HNF' ,0#0' '+' -005' 6' +$'!!' .#0%$0#' 506'9 -'$0-0+' 1'$,' #0.%#5' $ ' $,0' #0%5'-.' 4%$$0#' ,0' $0#4+' R' 0%+8' :# +0 S' R' :# +0' 6' #5'-%#8' 5'66'2*!$8 S' 0$2 ' 070-' '6' '!!*+$#%$05' %+' $,08' %#0' ;8' % !'+$' 6' +*..0+$05' #0%5'-.+' *-50# $,0' 7%9 #' *+' 2 *#+0+' *$!'-05' %#0' #%$,0#' 7%.*0' %-5' $,0' 0E%4'-%$' -' 1,'2,' '-' %' !%#.0' 40%+*#0' '+ ;%+05' -' +'.,$' $#%-+!%$' -' ;02 40+' 2 ##09 +: -5'-.!8' *-20#$%'-' %+' %' $0+$' 6' $,0' 2%-5'5%$0+' #0%!' %;'!'$8' ,0' %5 :$' -' 6' %' # $%#8' +8+$04' 6' $0+$+' 6 #' $,0' 4'-# :%#$' 6' $,0' 1 #3' $ ' ;0' 5 -0' +'4'!%#' $ ' $,0' +8+$04' 0+$%;!'+,05' 6 # ' 0E%4'-%$' -+' '-' -.!'+,' #' $,0' :#09 +2#':$' -' 6' %' 506'-'$0' 7 2%;*!%#\:' %$' !0%+$' 6 #' $,0' 0!040-$%#8' 2 *#+0' ,%70' ;00-' :# : +05' %+' #04 05'0+' HJF' ,0#0' '+'.#0%$0#' 04:,%+'+'-020+9 +%#8' -' #%!' $#%'-'-.'%-5' -' $,0' *-50#+$%-5'-.' 6' $,0' +: 30-' !%-.*%.0' ,0' #06 #4' 6' $,0' 40$, 5+' 6''-+$#*2$' -''-'$,0' 4 50#-'!%-.*%.0+' 1,'2,' ,%+' ;00-' .'-.' -''-' *# :0%-'+2, !+' 6 #' $,0' :%+$' $1 ' #' $,#00' 502%50+' '+' ;0.'--'-.' $ ' !%8' ,!5' -' 40#'2%-' $0%2,0#+' %-5' 4*+$ *!$'4%$0!8' ;#'-.'%;*$' %' 4 5'6'2%$' -' 6' $,0' :#0+0-$' 0-$#%-20' #0U*'#040-$+' ,'+' 4 5'6'9 2%$' -' 1'!!' :# ;%;!8' 2 -+'+$' '-' + 40' 6 #4' 6' %-' #%!' 0E%4'-%$' -' $0+$'-.' $,0' 2%-5'5%$0+' :# -*-2'%$' -' 6' $,0' 6 #0'.-' $ -.*0' %+' 10!!' %+' ,'+' %;'!'$8' $ ' *-50#+$%-5' $,0' !%-.*%.0' 1,0-' +: 30-'%-5' $ ' 0E:#0+' ,'4+0!6' '-' '$' 1'$,' #0%+ -9 %;!0' 6!*0-28' %-5' 2 ##02$+0++' !!0.0' -$#%-20' 0U*'#040-$+' '-' '+$ #8' / ' '+$ #8' #020'705' '$+' 6'#+$' #02 .-'$' -' %+' % #0U*'#040-$' 6 #' 0-$#%-20' $ ' 2 !!0.0' '-' >)ML' -' $,%$' "0%# %#7%#5' :#0+2#';05' #20+$0#+' /' (' 1 !6' %-5' $,0' -'70#9 +'$8' 6' '2,'.%-' :#0+2#';05' R' 0'.,$!08+' H #' - 23+' !5+4'$,+F' 3 (' 1 !' ' ' /' ' ' 3 6' '" ' ' ' ' /' ' %Z' #'+ 40'80%#+' $,0' #0U*'#040-$' 1%+' %++ 2'%$05'+ 401,%$' 2! +0!8' 1'$,' $,0' !50#' #0U*'#040-$' '-' .0 .#%:,8' $,' %$' %#7%#5' %-5' %$' '2,'.%-' 0E%4'-%$' -+' '-' $,0' $1 ' +';9 &02$+' 10#0'.'70-' ;8' $,0' 50:%#$40-$' 6' ,'+$ #8' %-5' $,0' U*0+$' -+' +0$' ;0%#' 07'50-20' 6' %-' '-$0-9 $' -' $ '300:' $,0' $1 '6'0!5+' 6' 3- 1!05.0' #0!%$05' 40#'2%-' ,'+$ #8' $ ' $,0' 0-5' 6' $,0' 07 !*$' -' 1%+' %5505' ;8' '2,'.%-' '-' >)LK' %-5' $,0' 2!%+9 +'2%!' #0U*'#040-$+' %$' %#7%#5' 10#0' 5*#'-.' $,0' -0E$' 502%50' 22%+' -%!!8' '-2#0%+05' ;8' 2,%:$0#+' 6# 4' #004%-+' 3 '.9 ('[/ 0 '1 # !% #-0!!'6 *-505''-'>)O)''-$# 5*205'%$' $,0' ;0.'--'-.'% #0U*'#040-$' 6' #003' %-5' 4%-' ,'+$ #8' 6$0#' >)LK' $,0' ,'+$ #8' #0U*'#040-$' .%'-05' +$0%5'!8' '-' 6%7 #' 0+:02'%!!8' 1'$,' $,0' -010# %-5' +4%!!0# 2 !!0.0+' -' >)PQ' *$ 6' %' $ $%!' 6' MLQ' *-'70#+'$'0+' %-5' 2 !!0.0+' '-70+$'9 .%$05' ;8' $,0' *#0%*' 6' 5*2%$' -' JKO' #0U*'#05' 40#'2%-' ,'+$ #8< >NL' .0-0#%!' ,'+$ #8< >>N' #003' ,'+$ #8< >>O' 4%-' ,'+$ #8< QL' -.9 !'+,' ,'+$ #8< P' +$%$0 %-5' ! 2%!' ,'+$ #8< %-5' >' #0-2,'%-5' 0#4%-' ,'+$ #8' 4%" % % %' >)PO?>)PL' :' MO) F = ,0' 3- 1!05.0' 0E:02$05' 4*+$' ,1070#' 6$0-' ,%70' ;00-' $!'0' 40#0+$' *$!'-0' 6 #' %+' !%$0' %+' >)PK' + 40' 6' $,0+0' '-+$'$*$' -+' 10#0' +$'!!' *+'-.' '-' $,0'# 1-' 2!%++0+' $0E$; 3+' !'30' 1'-$ -+' 0 6' -50#+ -+' 3 ' 1 !6' %-5' %#-0+ ' . % ,0' 5'70#+'$8' 6' +*;&02$' 4%$$0#' #0U*'#05' 1%+' :#;%;!8' .#0%$0#' $,%-' '-' %-8' $,0#' ;#%-2,' 6' '-+$#*2$' -

,0' 6'#+$' '4 : #$%-$' +$0:' '-' $,0' #06 #4' 6' $,0+0' 2 -5'$' -+' 1%+' $%30-' ;8' $,0' %5'+ -' -60#0-20' 6' >)PN' ,0' 2 -60#0-20' 5'5' - $' 600!' 2%!!05' *: -' $ ' 6#%40' % 506'-'$0' +8+$04' 6' 0-$#%-20' #0U*'#040-$+' ;*$' '$+' ;#'06' 5'+2*++' -' 6' $,0' :# ;!04' %-5' '$+' #02 440-5%$' -+' 6 # $,0' .0-0#%!' '4 :# 7040-$' 6' ,'+$ #8' $0%2,'-.' '-' $,0' +2, !+' +*..0+$05' 5'#02$!8' #'-5'#02$!8' $,0' 0++0-$'%!' 60%$*#0+' 6' $,0' +8+$04' %6$0#1%#5' %5 :$05' ,0' -0E$' '4 : #$%-$' +$0:' 1%+' $%30-' '-' 0;#*%#8' >)PQ' '-' $,0' %:: '-$40-$' ;8' $,0' 01' -.!%-5' ++ 2'%$' -' 6' !!0.0+' %-5' #0:%#%$ #8' 2, !+' 6' %2 44'$$00' 6' +2, !' %-5' 2 !!0.0' $0%2,0#+' 6' ,'+$ #8' $ ' 50%!' 1'$,' $,0' +:02'%!' U*0+$' -' 6'0-$#%-20' #0U*'#040-$+' '-' ,'+$ #8' ,0' #0: #$' 6'$,'+' 2 44'$$00' %5 :$05' ;8' $,0' ++ 2'%$' -' '-' 2$;0#' >)PQ' :# : +05' %' !'+$ 6' +070-' $:'2+' 0%2,' #0:#0+0-$'-.' -0' 80%#!+' 1 #3' 6' $,#00' :0#' 5+' %' 1003' %-5' #09 U*0+$05' $,0' 2 !!0.0+' $ '%220:$'%-8' $1 ' 6'$,0+0' $:'2+' %+' %' #0U*'#05' +*;&02$' 6 # 0-$#%-20' ,0' 2 !!0.0+' 10#0' 6*#$,0# #0U*0+$05' $ '%220:$' R'%-8' %55'$' -%!' $:'2' # $:'2+' 6# 4' $,0' !'+$' %+' %55'9 $' -%!' :#0:%#%$' -' 6 # 0-$#%-20' # 6 # %57%-205' +$%-5'-. S'%-5' $ ' #02 .-'G0' %+' R' %' 2 -+'50#%;!0' :%#$ 6' $,0' 07'50-20' 6' :# 6'2'0-28' #0U*'#05' J' 20#$%'-' +:02'6'05' 3'-5+' 6' 1#'$$0-' 1 #3' 5 -0' '-' $,0' +02 -5%#8' +2, !' ,0' #0: #$' +*..0+$05' $,%$' 0-$#%-20' 0E%4'-%$' -+' '-', '+$ #8' +, *!5';0' + ' 6#%405' %+' $ ' #0U*'#0' -' $,0' :%#$' 6' $,0' 2%-9 5'5%$0' 2 4 :%#'+ -' %-5' &*5.40-$' #%$,0#$,%-' 40#0' 404 #8' %-5' $,%$' $,08' +, *!5' '-2!*50' $0+$+' 6' .0 .#%:,'2%!' 3- 1!05.0' ,0' *+0' 6' . 5' $0E$; 3+' 2 !!%$0#%!' #0%5'-.' %-5' :#%29 $'20' '-' 1#'$$0-' 1 #3' 10#0' $ ' ;0' :#0+*:: +05' ,0' +070-' $:'2+' 10#0' H>F' ,0' ,'+$ #8' 6' #0020' 1'$,' 0+:02'%!' #060#0-20' $ ' #003' !'60' !'$0#%$*#0' %-5' %#$' HNF' ,0' ,'+$ #8' 6' 40<' $,0' 0:*;!'2' %-5' 4 :'#0' %-5' 0*$ -'2' *$9 .# 1$,+' $ ')KK' ' HJF' 0#4%-' ,'+$ #8' HMF' #0-2,',' '+$ #8' fHJF' %-5' HMF' $ ';0' + ' $%*.,$' %+' $ '0!*2'5%$0' $,0' .0-0#%!' 4 7040-$' 6' 405'09 7%!' %-5' 4 50#-' *# :0%-' ,'+$ #8'Y' HQF' -9 .!'+,',' '+$ #8' 1'$,' 0+:02'%!' #060#0-20' $ ' + 2'%!' %-5' : !'$'2%!' 5070! :40-$' HOF' 40#'2%-' ,'+9 $ #8' 1'$,' $,0' 0!040-$+' 6' 2'7'!' . 70#-40-$' HLF' '50$%'!05'+$*58' 6'%!'4'$05':0#' 5':*#+*05' '-' %-' '-$0-+'70' 4%--0#' ,#00' 6' $,0+0' $:'2+' 10#0' '-' $,0' 2 *#+0' 6' +$*58' 6 # +02 -5%#8' +2, !+' #02 440-505' ;8' $,0' %5'+ -' -60#9 0-20' ,0' $,0# 60%$*#0+' %#0' 5'#02$!8'+*..0+$05' '-' $,0' 2 -60#0-20' #0: #$' &+02 (' ' O' 01' -.!%-5' '+$ #8' 0%2,0#+' ++ 2'%$' -' : !JF

,0+0' #02 440-5%$' -+' 10#0' '-5 #+05' %601' 4 -$,+'!%$0#' ;8' $,0' 2, !4%+$0#+' ++ 9 2'%$' -' 6' 01' #3' %-5' '2'-'$8' ,0' !%$$0# ,%5', 1070#' %!#0%58' :# : +05' % 2 -60#0-20' -' $,0' 1, !0' U*0+$' -' 6'0-$#%-20' #0U*'#040-$+' %-5' +*2,' % 2 -60#0-20' ,%5' -' $,0' '-7'$%$' -' 6' !*4;'%' ;00-' %##%-.05' $' 1%+' %$$0-505' ;8' #0:#0+0-$%$'70+'6# 4' %#7%#5' %!0' !*49 ;'%' #-0!!' #'-20$ -' %-5' 0--+8!7%-'%' %-5' 4%50' '$+' #0: #$' -' $,0' 6'#+$' 6' 0;#*%#8' >)PQ' ,0' #02 440-5%$' -+' 6' $,0' 01' -.!%-5' ++ 2'%$' -' #0!%$'-.' $ ' 1#'$$0-' 1 #3' %-5' $ ' 0E%4'-%$' -+' 10#0' %5 :$05' :#%2$'2%!!8' 1'$,9 *$'2,%-.0' ,0' :#'-2':10' 6'%2, '20' 6'$:'2+' 1%+' %!+' %5 :$05' ;*$' $,0' 50$%'!+' 10#0' 2 -9 +'50#%;!8' 4 5'6'05' +'%55'$' -%!' :#0:%#%$' -' 6 #' 0-$#%-20' # 6 #' %57%-205' +$%-5'-.' $,0' !'4;'%' -60#0-20' :# : +05' %+02 -5'.#*:' 6' $:'2+' 0%2,' #0:#0+0-$'-.' $1 ' 80%#+' 1 #3' 6' $,#00' :0#' 5+' %' 1003' H>F' '2 *#+0' 6' #003' %-5' 4%-',' '+$ #8' 6 #' $, +0' -!8' 1, ',%70' 660#05' -.!'+,',' '+$ #8' %-5' 40#'2%-',' '+$ #8' %+' %-' 0!040-$%#8'+*;&02$' HNF' '2 *#+0' '-' -9 .!'+,',' '+$ #8' %-5' 40#'2%-',' '+$ #8' 6 #' $, +0' 1, ',%70' 660#05' #003' %-5' 4%-',' '+$ #8' %+' %-' 0!040-$%#8' +*;&02$' HJF' '2 *#+0' '-' $,0' ,' '+$ #8' 6' *# :0' 6# 4' $,0' 0#4%-'2' '-7%+' -+' $' $,0' ;0.'--'-.' 6' $,0' +070-$00-$,' 20-$*#8' HMF' '80%#!+' +$*58' 6' %-8' 6' $,0' 0!040-$%#8' 6'0!5+' -$%!#0%58' 660#05' %+' %-' 0!040-$%#8' +*;9 &02$' 2 4;'-05' 1'$,'%80%#!+' +$*58' 6' %'!'4'$05' :0#' 5' 1'$,'-' $,%$' 6'0!5' &+02 (' ' Q' 01' -.!%-5' '+$ #8' 0%2,0#+' ++ 2'%$' -' : ' >O' >L F

-' $,0' 40%-$'40' $,0' 44'$$00' -' !!0.0' -$#%-20' 0U*'#040-$+'%:: '-$05' ;8' $,0' %9 $' -%!' 5*2%$' -%!' ++ 2'%$' -' '-' (*!8' >)PQ' ,%5';00-'+003'-.' $,0' 2 :0#%$' -' 6' #.%-'G%9 $' -+''-$0#0+$05' '-' $,0' :# ;!04'6# 4' $,0' : '-$ 6' 7'01' 6' $,0' +:02'%!' +*;&02$+' ,0' #0+: -+0' 6' $,0' 40#'2%-' '+$ #'2%!' ++ 2'%$' -' 1%+' $,0' %:: '-$40-$' 6' $,0' 44'$$00' 6' 070-' 1, +0' #0: #$' 4%50' '-' >)PP' #04%'-+' $,0' +$%-5%#5' 5 2*40-$' -' $,0' 1, !0' U*0+$' -' 6' ,'+$ #8' '-' 40#'2%-' +02 -5%#8' +2, !+' -' 6#%4'-.' #029 440-5%$' -+' -'2 !!0.0' 0-$#%-20' #0U*'#040-$+' $,0' 44'$$00' 6' 070-' #02 .-'G05' $1 ' $,'-.+' %+' 0++0-$'%!' H>F' R' $,%$' $,0' 6*-5%40-$%!' +2 :0' %-5' :*#: +0' 6' $,0' 4%& #' :%#$' 6' $,0' +02 -5%#8' +2, !+';0' #0.%#505S' %-5' HNF' R' $,%$' 0!%+$'2'$8' ;0' %!! 105' $,%$' +2, !+' 4%8' 6'$' :*:'!+' 6 # 2 !!0.0' %-5' 80$' %5%:$' $,04+0!70+' $ ' + 40' 0E9 $0-$' $ ' ! 2%!' 0-7'# -40-$+%-5' ! 2%!' -005+ S' &" 6' >N> F' ' R' *-'$ S' 6' ,'+$ #8' 1%+' 509 6'-05' %+' R 0'$,0# 0' 80%# 6' ,'+$ #'2%!' 1 #3' 1,0#0'-' $,0' +$*58' '+' .'70-' 6'70' $'40+' :0# 1003' # $1 ' 80%#+' 6' ,'+$ #'2%!' 1 #3' 1,0#0'-' $,0' +$*58' '+' .'70-' $,#00' $'40+' :0# 1003 S' ,0' #02 440-5%$' -+' 4%8' ;0' +*44%#'G05' %+' 6 !! 1+' H>F' -+$'$*$' -+' 1'$,'% R'+8+$04' 6' 2 4:!%$0' :$' -+' '-' 2 !!0.0' 0-$#%-20' #0U*'#090 40-$+' J' & % % 0!%-5' $%-6 #5F' 10#0' %+305' $ ' %220:$' M' *-'$+' '-' ,'+$ #8' R %+' %-' 0U*'7%!0-$' 6 # % !'30' %4 *-$' 6' 1 #3' '-' $,0# +*;&02$+ S HNF' -+$'$*$' -+' $,%$' :#0+2#';05' 20#$%'-'+$*5'0+' %-5' '-' %55'$' -' #0U*'#05' $,0#+' 6# 4' %-' :$' -%!' !'+$ & % % %#7%#5F' 10#0' %+305' $ ' :!%20' > *-'$ 6' ,'+$ #8' ,0' !%$$0# ;05' !'+$' %-5' >' N' # J' *-'$+' -' $,0' :$' -%!' !'+$ HJF' -+$'$*$' -+' 1'$,' :#0+2#';05' #0U*'#040-$+' -!8' % % R 1'$, *$' :$' -+S' & % % %!0F' 10#0' %+305' $ ' #0U*'#0' %$' !0%+$' -0' *-'$ 6',' '+$ #8' HMF' -+$'$*$' -+' 1'$,' +070#%!' 5'+$'-2$' 2 !!0.0' 2 *#+0+' #0U*'#'-.' 5'660#0-$.# *:+' 6' :#0:%#%9 $ #8' +$*5'0+' 6 # 0-$#%-20' & % % '2,'.%-F' 10#0' %+305' $ ' #0U*'#0' > *-'$ 6' ,'+$ #8' 6 # $,0

2!%++'2%!' 2 *#+0< > *-'$ 6 # $,0 %$'-' 2 *#+0< N *-'$+' 6 # $,0 +2'0-$'6'2 2 *#+0< %-5' J *-'$+' 6 # $,0 -.!'+,' 2 *#+0' 4" 6 >NJ? >NP F ,0 4 4'$$00' 6 $,0 %$' -%!' 5*9 2%$' -%!' ++ 2'%$' -' %220:$05' $,0+0 #02 49 40-5%$' -+' ;*$ 1'$,' $,0 :# 7'+' $,%$ -0 80%# 6 40#'2%-' ,'+$ #8 %-5' . 70#-40-$ +, *!5' ;0 %220:$05'%+' %#0U*'#040-$6 # %54'+9 +' -' ;8 %!' 2 !!0.0+' %-5' *-'70#+'$'0+' -' %' +'4'!%# +:'#'$ $,0 #02 440-5%$' -' 6 # % 80%# 6 '-$0-+'70 +$*58' 1%+' U*%!'6'05' ;8 $,0 :,#%+0 R 0+:02'%!!8' 6 $,0 -'$05' $%$0+ S' 4+ (# 6 ' ' >)PP ::' OM)' OOQ F $ $,0 :#0+0-$ $'40' $,0 *-'$+' 4 +$ 1'50!8' #02 .-'G05' %#0 $,0 R';! 23+' S' # :0#' 5+' :# : +05' ;8 $,0 44'$$00' 6 070-' 6 # % 6 *#?80%# 2 *#+0 '-' +02 -5%#8 +2, !+' H>F %-2'0-$,'+$ #8< HNF 405'07%!' %-5' 4 50#-' *# :0%-' ,'+$ #8< HJF -.!'+,' ,'+$ #8 HMF 40#'2%-' ,'+$ #8 %-5' 2'7'!' . 70#-40-$' ,0+0 %#0 $,0 +*;9 &02$+' !'+$05' ;8 $,0 !!0.0 -$#%-20 E%4'-%9 $' -' %#5' ,0 U*0+$' -' 6 0-$#%-20 #0U*'#09 40-$+' 2 -$'-*0+' $'%.'$%$0 $0%2,0#+' 6 ,'+$ #8 $ '+' %54'$$05' $,%$ $,0 %2$' -' 6 2 !!0.0+' '-' #020-$ 80%#+''-'-2#0%+'-.'$,0'%4 *-$ 6 ,'+$ #8 $,%$ 4%8 ;0 660#05' 6 # 0-$#%-20 ,%+' $0-505' $ ' '-2#0%+0'$,0'%4 *-$ 6 ,'+$ #8'$%*.,$'-'+02 -59 %#8 +2, !+' ;*$ '$+' '-6!*0-20 -' 40$, 5+' 6 $0%2,'-.' #04%'-+' U*0+$' -%;!0' 0%2,0#+' +$'!! 2 4:!%'-' %+' $,08' 2 4:!%'-05' '-' $,0' 5%8+' 6 $,0 %5'+ -' -60#0-20' $,%$ $,0 :#0+0-$ 0E%4'-%$' -+' 2 4:0!' $,0 *+0' 6 R';%5' 40$, 5+' 6 # 2 !!0.0 :#0:%#%$' -S' %-5' $,08' %#0' +$'!! *#.'-.' %+' $,0 %5'+ -' -60#0-20' *#.05' R'% 2,%-.0 ;8 1,'2,' +2, !+' 1,'2,' *+0 :# :0# 40$, 5+' +,%!!' ,%70 + 40' %57%-$%.0 S' ' 44'$$00' 6 '70' 6' $,0 40#'2%-' '+$ #'2%!' ++ 2'%$' -''+' - 1' %$' 1 #3' #07'+'-.' $,0' #0: #$ 6' $,0 44'$$00' 6 07▯0-' ' (!!0.0 -$#%-20 0U*'#040-$+' '-' 2'9 0-20' / ' ,0 -%$*#%!' +2'0-20+' %::0%# #+$ '-' $,0 !'+$ 6 2 !!0.0 0-$#%-20 #0U*'#040-$+' '-' >)LK' %!$, *.,' '-' + 40' 6 #4' $,08' ,%5' %:9 :0%#05' '-' $,0 2 !!0.0 2*##'2*!*4' 6# 4' $,0 +070-$00-$,' 20-$*#8' %-5' + 40' 0!040-$%#8 -%$*#%!' +2'0-20' ,%5' ;00-' '-2 #: #%$05' '-' $,0 0!040-$%#8 # +02 -5%#8' +2, !+' 6 # $1 ' # $,#00' .0-0#%$' -+' +$# - 48' :,8+'2+' H-%$9 *#%!' :,'! + :,8F 2,04'+$#8' :,8+'2%!' .0 .9 #%:,8' ; $%-8' %-5' G ! .8' H-%$*#%!' ,'+$ #8F 10#0' 4%50' 6' 7'$%!' 2 -20#-'$' +02 -5%#8' :*:'!+' ! -.' ;06 #0' $,0' 2 !!0.0+' #02 .-'G05' $,0'# +'.? 6'2%-20' '-' :*;!'2' 05*2%$' -' ,# *.,' $,0' :*;!'2' +02 -5%#8' +2, !+' $,0' 2 44*-'$8' .#%59 *%!!8' 6 #205' %2,%-.0' '-' $,0' ,'.,0# 2*##'2*!*4' ,0' 4 7040-$' $ 1%#5' :*;!'2' 2 -$# !' 6 05*9 2%$' -' 4%50' 4 +$ #%:'5' :# .#0+' '-' $,0' 0+$' 1,0#0' $,0' +$%$0' *-'70#+'$'0+' 0+$%;!'+,05' $,0' 2*+$ 4' 6' %220:$'-.' 6 # %54'++' -' %-8' . 5' 6 *#?80%#,'.,'+2, !'2 *#+0' 1%#5' $,0'2! +0' 6' $,0' -'-0$00-$,' 20-$*#8' $,0' 6 !! 1'-.' +*;9 &02$+' 10#0' '-2!*505' %4 -.' $, +0' +%$'+68'-.' 2 !!0.0'0-$#%-20' #0U*'#040-$+'%+$# - 48' ; $9 %-8'2,04'+$#8' .0 ! .8' :,8+'2+' :,8+' .#%:,8' :,8+' ! .8'%-5'G ! .8' *#'-.' $,0' !%+$ $1

502%50+' %' U*0+$' -' 2 -20#-'-.' $,0' %4 *-$ %-5' 2,%#%2$0#' 6' $,0' +2'0-20' 1 #3' $ ' ;0' .'70-' ;8' +02 -5%#8' +2, !+' %-5' #0U*'#05' #' %220:$05' ;8' 2 !!0.0' 6 #0-$#%-20',%+' ;00-' $,0' +*;&02$' 6 :# ! -.05' 2 -$# 70#+8' %4 -.' $0%2,0#+' 6' +2'9 0-20' %+',%+' $,0' +'4'!%# U*0+$' -' %4 -.' $0%2,0#+' 6' -.!'+,' 2!%++'2+' %-5' $,0' $,0# +*;&02$+' 6 $,0' 2*##'2*!*4' ,0' +2'0-20' 2 -$# 70#+8' ,%+' 20-$0#05' -' :,8+'2+' %+' $,'+' '+' $,0' +2'0-20' 4 %$' 6#0U*0-$!8' #0U*'#05' 6 # 2 !!0.0' 0-$#%-20' %-5' 4 +$' 6#0U*0-$!8' .'70-' ;8' $,0' +02 -5%#8' +2, !+' ,'+' 5'+2*++' -' ,%+' .'70-' #+0 $' 1,%$' '+' :*!%#!8' 3- 1-' %+' $,0' R -01' 4 709 40-$' %4 -.' :, ▯+'2+' $0%2,0#+ S' $, *.,' '$' '+' %!!'05' $' %' !%#.0# 4 7040-$' .'-.' -' %4 -.' +$*50-$+' 6' $,'+' +*;&02$' ; $,' ,0#0' %-5' '-' *# :0' +8!!%;*+' 6' %' !'+$' 6' $:'2+' %-5' 0E:0#'40-$+' #0!%$'-.' $' $,0' 40$#'2 +&▯+$04' 402,%-'2+' ,0%$'+ *-5'!'.,$' 4%.-0$'+4'+$%$'2' 0!02$#'2'$8' %-5' 2*##0-$' 0!00$#'2'$&▯',%+' ;00-' %5 :$05' 6 # $,0' .*'5%-20' 6' $0%2,0#+' %-5' 0E9 %4'-0#+' H 00' * ' *' #' ' ,' * 5

-' >PK)' $,0' !!0.0' -$#%-20' E%4'-%$' -' %#5' 4<% %*6 6%'!'-.'$' 6'-5' %2 44'++' -' 6'2 !9 !0.0' :# 60+?+ #+' 1,' 2 *!5' %.#00' *: -' %+8!!%;*+' 6' #0U*'#040-$+' '-' :,&▯+'2+' 6 # $,0' +02 -5%#8' +2, !+' %:: '-$05' +'E' +02 -5%#8' +2, !' $0%2,90#+' 6' :,8+'2+' $ ' *-50#$%30' $,0' $%+3' ,0+0' :# 4:$!8' %-5' *-%-'4 *+!8' :#0:%#05' %+8!!%;*+' 1,'2,' $,0' ; %#5'%5 :$05' 6 #$,1'$,'%-5' '-' 1,'2,' %!!' :%#$'0+' 2 -20#-05' %2U*'0+205 ,0' 6 !! 1'-.' .'70+' $,0' +*;+$%-20' 6' $,0+0' #02 440-5%$' -+' H #' $,0'2 -$0-$' 6' $,0'2 *#+0' #02 440-505' +00' * ' *' #' ' ,' * 5

>' ,0' -'$'-' ,8+'#+'2 -+'+$+' 6' %$' !0%+$' >NK' ,*#+' 6'0 4'-*$6+'0%2,' '40' +:0-$'-' $,0' !%; #%$ #8' +,%!!' ;0'24'-$05' %$' -0' ,%16' '$+' 6%#0' 7%!*0

N' ,0' *#+0' 6' -+$#*#$' -' '-' ,8+'2+' +, *!5' '-9 2!*50'↑/

H%F ,0' +$*58' 6' -0' +$%-5%#5' $0E$; 3' 6 # $,0 :*#: +0' 6' ;$%'-'-.' %'2 --02$05' %-5' 2 49 :#0,0-+'70' 7'01' 6' $,0' +*;&02$' ,0' +$*50-$' +, *!5' ;0' 2'70-' :: #$*-'$8' %-5' 0-2 *#%.07' 40-$' $' 2 -+*!$' $,0#' +2'0-$'$'2' !'$0#%$*#0

H;F -+$#*2$' -' ;8' !02$*#0' $%;!0' 52-' -+$#%$' -+' $;0' *+05' 4%'-18' 6 #' '!!*+$#+$' -' 6' $,0' 6%2$+' %-5':,0- 40-%' 6':,8+'2+' -' $!&0'#' U*%!'$%$'70' %+:02$+' %-5' '-' $,0'#' :#%2$'2%!' %::!'2%$' -+

H2F -5'7'5*%!' !%; #%$ #8' 1 #3' 2 -+'+$'-.' 6' 0E9 :0#'40-$+' #06'*'#'-.' %$' !0+'+$ $,0' $'40' 6' JK' 5 *;!0':0#' 5+' ,0' 0E:0#'40-$+':0#6 #405' ;8' 0%2,' +$*50-$' +, *!5' -*4;0#' %$' 2%+$ JK' , +0' -%405' '-' $,0' %::0-505' !'+$ %#0' +*.9 .0+$05' %+' +*'$%;!0' ,0' 1 #3' +, *!5' ;0' +' 5'+$#';*$05' %+' $' .'70' %' 1'50' #%-.0' 6' ;? +0#7%$' -' %-5' :#%2$'20

,0' %'4' 6' !%; #%$ #8' 1 #3' +, *!5' ;0' $ +''''':!0? 40-$' $,0' :*:'!:+' 6*-5' 6' 2 -2#0$0' 3- 1!05.0' %-5' $' 2*!$'7%$0' ,'+' : 10#' 6' %22*#%$0' ! ? +0#7%$' -' %-5' 2,:%#''0++' 6' $, *.,$' %-5' 0E:#0+'+' -' ,0' 0E2#2'+#= '+, *!5' ;0' 2, +0-' 1'$,' %' 7'0.1' $' 6*#-'+,'-.:6 #206*!' '!!*+$#%9 $' -+' 6' 6*-5%40-$%!' :#'-2':!0+' %-5' $,0'# :#%2$'2%!' %::!'2%$' -+' ,08' +, *!5' 6'0 +*2,' %+' 8'0!5' -▯+*!$+'2%:%;!0' 6' #0%58' '-$0#9 :#0$%$' -' ;7' *+!8' '-' 2 -6 #4'$8' 1'$,' $,0 #8' %-5' 6#00' 6# 4' $,0' 5'+.*'+0' 6' *-9 '-$0!!'.';!0'*-'$+

! 70-!8' 1 #3' +, *!5' -$' !'0' $!0#%$05' ;*$' $,0' 066 #$' 6 #' :#22'+' -' +, *!5' -$' !0%5' $' $,0' *+0' 6' %:%#%$*+' #' :# 20++0+'+'2 4:!'2%$05' %+' $' ;+2*#0' $,0' :#'-2':!0'-7 !705

J' ,# *., *$' $,0' 1, !0' 2 *#+0' +:02'%!' %$$0-$' -' +, *!5' ;0' :%'5' $ ' $,0' 2 4 4 -' '!!*+$#%$' -+' 6' :, 8+'2%!' !%1+' %-5' $ ' $,0'# '-5*+$#'%!' %:: !'2%$' -+
M' -' $,0' + !*$' -' 6'-*40#'2"' :# ;!04+' $,0' +$*50-$' +, *!5' ;0' 0-2 *#%.05' $ ' 4%30' *+0' 6' $,0' +'4:!0' :#'-92':!0+' 6' %!.0;#%' %-5' .0 40$#8' $ ' #05*20' $,0' 5'66'2*!9 $'0+' 6' + !*$' -' --020++%#8' 4%$,04%$'2%!' 5'66'2*!$'0+' +, *!5' ;0' %7 '505' %-5' 2%#0' +, *!5' ;0' 0E0#2'+05' $ ' :#09 70-$' $,0' +$*50-$÷+! +'-.' +'.,$' 6' $,0' 2 -2#0$0' 6%2$+' '-' $,0' 4%-':*!%$' -' 6' +84; !+

,0' $,0# +2'0-20+' ; $%-8' 2,04'+$#8' .0 .#%:,8'G ! .8'6 # 1,'2,' 0-$#%-20' 2#05'$+' %#0' .'70-' 5' - $:#0+0-$%:# ;!04' 6' %+' .#0%$' '4: #$%-20' #' +'.-'6'2%-20' %+' :,8+'2+' #' $,0' $,0# +*;&02$+' *2,' +*;&02$+' ,%70' ;00-' 660#05' -!8' -' $,0' !%+$' 601'80%#+' HG ! .8'6 #' $,0' 6'#+$' $'40' %$' $,0' !!0.0' -$#%-20' E9 %4'-%$' -' %#5''->PKL'%-5'$,0-' -!8';8'$1' +$*50-$+F' %#0'2, +0-';8'70#8'601'+$*50-$+'%-5' %#0' - $' +*;&02$+' +' .0-0#%!!8' $%*.,$' -' $,0' +2, !+' -+0U*0-$!8' $,0' 504%-5+' 6' $,0' 2 !!0.0' '-6!*0-20' %#0' - $' +' 300-!8' 60!$' -' $,0' +2, !+' -' $,0+0' +*;&02$+' - #' +' #0+0-$05' 0U*'#040-$+' 6 # 0-$#%-20' 2#05'$+' %#0' -' $,0' :# 20+' 6' 6 #4*!%$' -' %-5' !'$$!0' 6' %' .0-0#%!' -%$*#0' ,%+' ;00-' %.#005' *: -' ,0' 40#'2%-' 050#%$' -' 6' $,0' 0%2,0#+' 6' $,0' %$,04%$9 '2%!' %-5' %$*#%!' 2'0-20+' #0:#0+0-$'-.' 0'.,$' 2 -+$'$*0-$' %++ 2'%$' -+' '-' $,0'# 400$'-.' '-' +$ -' 02' NL' >PKP' '-'$'%$05' %' 4 7040-$' 6 # %#06 #4%$' -' 6' $,0' 0-$#%-20' #0U*'#040-$+' '-' 2,04'+$#8' %-5' :#0+0-$05' $,0' 4%$$0# $ ' $,0' !!0.0' -$#%-20' E%4'-%$' -' %#5

(' '

$,0# *;&02$+' / ' ,0' #020-$!8' %5505' +*;9 &02$+' 6' 5#%1'-.' %-5' 4*+'2' +'4'!%# $ ' $,0' #020-$'%55'$' -' 6' +2'0-20'%-5' 4 50#-' !%-.*%.0' +*;&02$+' H$,%$' '+' ; $%-8' G ! .8' :%-'+, ' 0$2 F' ,%70'%66 #505' + ' !'$$!0' 0E:0#'0-20' $,%$' -' +0$$!05' : !'28' 0E'+$+' ,0' 6 !! 1'-.' +* 4 4%#8' 6' $,0' 0E%4'-%$' -+' $%30-' '-' >PKP' *-50# $,0' !!0.0' -$#%-20' E%4'-%$' -' %#5' '-5'9 2%$0+' 1'$,' 6%'# 50.#00' 6' %22*#%28' $,0' #0!%$'70' '4: #$%-20' 6' $,0+0' 7%#' *+' ;#%-2,0+' %+' +*;9 &02$+' 6 # 2 !!0.0' 0-$#%-20

R' 4 *' 0%5'-.' >LKO' HOF' +$*58' >JO)' $ $%!' JKLM

1 !R' H%F' -2'0-$' LJM' HOF' 05'07%!' %-5' 50#-' JP' H2F' -.!'+,' JPM' H5F' 40#'2%-' QMM' $ $%!' >L>>

R' 4 *' H'F' #%44%#' >>OO' H''F' !040-$%#8' :# +0' 2 4: +'$' -' >>QN' HOF' %0+%#' PM>' H2F' '20# ' >KKP' H5F' 0#.'!' 1 6 ? ' MJJ' HOF' 0: +' K' 42 *' %0+%#' %-5' 0: +' QK' HDF' %!!*+$' L' 4 *' 7'5' >M' HDF' # +0' 2 4: +'$' -' LLJ' 4 *' !040-$%#8' +'.,$' $#%-+!%$' -' 6' :# +0')NJ' 4 *' 57%-205' +'.,$' $#%-+!%$' -' 6' :# +0' >)P' 4<*' '.,$' $#%-+!%$' -' 6' : 0$#8' >>K' 4 <*' C 6' ? ' %-5' +'.,$' JJK' $ $%!' OPPL

3 9R' 4 *' H'F' #%44%#' >PQ' H''F' !040-$%#8' :# +0' 2 4: +'$' -' NJM' 42*' W0-:,-' NN)' H2F' 40#',' 6' ? ' OO' HDF' # +0' 2 4: +'9 $' -' >NQ' 4 *' '.,$' $#%-+!%$' -' 6' :# +0' >)L' 4 *' '.,$' $#%-+!%$' -' 6' 40#' N' 4(*', 6' ? ' %-5' +'.,$' >KQ' $ $%!' >>MN

5 (R' H%F' !040-$%#8' >>PO' HOF' -$0#?

405'%$0' ONP' &2 *' -$0#405'%$0' %-5' %57%-205' P' $ $%!' >P>O

3 R' H%F' !040-$%#8' >>LK' HOF' -$0#9 405'%$0' LM>' HO2F' -$0#405'%$0' %-5' %57%-205' LN' $ $%!' >L)J

. 6' >M

(R' H%F' !040-$%#8' %!.0;#%' >MMQ' H%F' H'F' 'U*%5#%$'2+' NOO' H''F']*%5#%$'2+' %-5';098-5' >NO' HOF' 57%-205' %!.0;#%' >MJ' H2F' :!%-0' .0 40$#8' >MNQ' H5F' !'5' .0 40$#8' NJL' H25F' !%-0'%-5'+ !'5' .0 40$#8' NPK' HOF' #'. - 40$#8' Q)' HDF' !%-0' $#'. - 40$#8' JJM' $ $%!' MJNM

+ ! (' O>P' !6' MJP' 8 !6' >)' 3 !6' NQ' N !6' P' ' $ 6' >NN

0 (R' 4 *' : :#02'%$' -' M' HOF' %#4 -8' L' H2F' *-$0#: '-$' >' H5F' '%- 6 #$0' J' HOF' '20' 4/*' ' !'-' $ $%!' >Q'

#%-5' $ $%!' NN NK)

06O#0-20+' /

3 %' /

$ ' ' (' " O %' H 01' #3' >PKJ F

$ #' ' 9 ' /' O ' '.(%' H -5 -' >PKJ F

% #' ' (' " O 6' J' 7 !+' H +9 $ -' >)PN' >)PM' >PKK F

% ' ' 0: #$' 6' $,0' .%'#4%-' 6' $,0' 44'$$00' -' !!0.0' -$#%-20' 0U*'#040-$+' .(' " $6' !' M' :' M>Q

" ' /' ' ' /' ' ' -%' %' %6' >)PM'

" ' /' ' - $' ' ' /' 6' >))O?>)PP

O ' " ' /' ' .(!' /' ' ' (' ' 8 %' H 01' #3' >PK>' $ ' 5%$0 F

%' /

% # '$%1 ' ' ' ' (' /' %' H 01' #3' >PKJF

1 ' " ' ' %' H %4;#'5.0' >)PO F

' O ' - 6' !' >J' :' NQL

0: #$+' %-5' '+2*++' -+' '-' O(%' " %6' !')' :' >LO' :' !')' :' JKM' !' P' :' PL' !' J' :' >JN' !' M' :' LM' !' P' :' JOQ' !' NK' :' N)P' !' J' :' MNL' !' M' :' Q>J

" ' /' ' / (' ' ' (' " <0 # %

" ' /' ' - ' / (' ' ' (' " <0 ' H>)PM/>PKPF

.(' " $6' !' Q' :' MMP' !' Q' :' JMJ' !' O' :' JMM' !' P' :' J>O' !' J' :' PN' !' O' :' NJJ

' O %' /

" ' /' ' ' /' O(6' !' ' >)PP' 2 -$%'-+' $,0' " ' /' ' ' /' $ '-' $,0' 50#-' %-.*%.0' ++ 2'%$' -' 6' 40#'2%

.((%' /

' ' ' ,0' 0!%$' -+' 6' !!0.0+' $ ' 02 -5%#8' 2, !+' '-' 0+:02$' $ ' ,8+'2+' .((6' !' JK' :' QLL

%##' ' ' ,0' -$0#:#0$%$' -' 6' $,0' !!0.0' -9 $#%-20' E%4'-%$' -' %#5+' 01' 06'-'$' -' 6' $,0' 0U*'#040-$+' '-' ,8+'2+' O(%' " %6' !' M)' :' >QK

,0' 0%-'-.' 6' $,0' 01' 7040-$' 6 # $,0' 09 6#4' 6' 2'0-20' 0%2,'-.' O(%' " %6' !' JM' :' >J' %!+' '.('.((6' !+' L?P

,8+'2+' !*;' 6' 01' #3' " (' # (' ' + ! (%' #'-$05';8' $,0' !*;

' " #' ' 1' $,0' *;!'2' 1'!!' !70' $,0' # ;!04+' 6' 2'0-20' 0%2,'-.' .(' .((6' !' P' :' NOL

,0' '-'6'2%-20' 6' $,0' 0U*'#040-$+' '-' ,8+'2+' 6' $,0' !!0.0' -$#%-20' E%4'-%$' -' %#5' .(' .((6' !' >K' :' JM

>>P

1'$,' %-2'0-$' 2 !!0.'%$0' 2,*#2,0+' 1'$,' %-2'0-$' +2, !+' 6 #4'-.' :%#$' 6' $,0'# 6 *-5%$' -' 4 -.'$, +0' '4 :*$05' $ ' $,0!+$%-' 1, ' :*#9 +*05' $,0' +%40' : !'28' %#0' *#,%4 '%6$0#1%#5+' 2,%-.05' $ ' % 4 -%+$'2' 2%$,05#%!' 070#!08' '-+$0#-' %-5' *#8' $' 54*-5[illegible]+' $,0' !%+$%6$0#9 1%#5+' 2,%-.05' '-$ ' % 4 -%+$0#8' *$,10!!' '-+$0#' '+' %$$#';*$05' $ ' '-.' 5.%#' # 4 #0' 2 ##02$!8' %5.%#' %; *$' PQ)' -' 0#%' 6' 4 -9 %+$0#8' 6 *-5'-.' %-5' 2 -70#+' -' 6' 2,*#2,0+' 6' +02*!%# 2%- -+' '-$ ' 4 -%+$0#'0+' 6 !! 105' *$' +: #%5'2' 2 !!0.'%$0' 2,*#2,0+' 10#0' ;0'-.' 6 *-505' #'.,$ *:' $ ' $,0' -U*0+$'%4 -.' $,0' !%$0+$' ;0'-.' $' %#$'-[illegible]?!0? #%-5' -5 -' %-5' !8' # ++' %!$,%4' 6 *-505' ;8' '-.' %# !5' 1,0-'0%#!' '-' >KOK' 1' $' '+' $#*0' $,%$' 6' %!!' $,0+0' '-' -!8'$1 ' '+' $,0#0' 5'#02$' 07'50-20' O6' +2, !+' %$$%2,05' $ ' $,04' ;06 #0' $,0' -9 U*0+$' %#1'23'%-5' %!$,%4' $' %#1'23'% # 8%!' 1#'$' 6' $,0' 80%#' >>NJ' 6' 0-#8' '2 -9 6'#405' $ ' $,0' ,*#2,' 6' !!' %'-$+' $,0'+2, !' 6' %#1'23'& (' $ (6' $,0' 1 #5' R' +2, !S' '+' -0%#!8'%!1%8+' '-' $,0' :!*#%!' *:' $ ' $,0' 06 #9 4%$' -' '-' 6 #4%!' 5 2*40-$+F' %+' '$' 1%+' '-' $,0' $'40' 6' '-.' 51%#5' %-5' '-' $,0' 5%8+' 6' ,'+ 6%$,0#' %-5' ;# $,0#' $' %!$,%4"' % 2%- -' 0E:0!!05' $ ' 4%30' # 4' 6 #0.*!%# 2%- -+' '-' >KLL' .'70+' %-' %22 *-$' 6' $,0' 6 *-5%$' -' ;8' %# !5' 1,' '4: #$05' % +2, !4%+$0# 6# 4' '0.0' 1,+0' + - %!+' +2, !4%+$0#' $%*.,$' $,0' ,'+$ #'%-' *$' $,0#0' '+' %' .#0%$' 50%!' 6' '-5'#02$' 07'50-20' 6' +2, !+' '-' 4%-8' 6' $,0+0' :!%20+' %+' + -' %+' #02 #5+' ;0.'-' - $' %+' -01' '-+$'$*$' -+' ;*$' 2%+*%!!8'%+' . '-.' 2 -20#-+' 6' +:%20' :0#9 4'$$05' -*40# *+' 0E%4:!0+' 2 *!5' ;0'2'$05'6# 4' #%-20' %-5' 0#4%-8' $'+' 0- *.,'$' 40-$' -' $,0' 2 !!0.'%$0' 2,*#2,' 6' $' '!%'#0' %$ '$'0#+' %$' 1,'2,' '!50.%#5' 1%+' $0%2,'-.' 6# 4' >KNM' $ ' >KNO' 1,0-' *!;0#$' '+, :' 6' ,%#$#0+' +*44 -05' ,'4' $,0#0' ,0' +8- 5%!' 502#00' 6' :0' *.0-'*+' '-')NO' 5'#02$'-.' $,0' 0+9 $%;!'+,40-$' 6' $0%2,0#+' '-' %!!' :!%20+' 1,0#0' $,0#0' 1%+' %'-020++'$8' -' 5 *;$'-2!*505' :!%20+' 1,0#0' $,0#0' 10#0' 2 !!0.'%$0' 2,*#2,0+' %+' ;0'-.' :!%20+' 1,0#0' +2, !+' 10#0' -020++%#8' -' $,0' $10!6$,' 20-$*#8' $,0#0' %#0' 2 :' *+' #060#0-20+' $ ' +2, !+' '-' 4%-8' 6' $,0' :!%20+' 40-$' -05' :%#$!8' 2 -6'#4%$' -+' 6' $,0' #4%-' ! #5+' :%#$!8' 1'-.' $ ' $,0' :%++' -' 6' $,0' 20-$*#8' 6 #+*;+$'$*$'-.'#0.*!%# 6 #+02*!%# 2%- -+' $,0' !%$$0#- 1' :%#$'-.' 1'$,' $,0' 2 -$# !' 6' $,0'# +2, !+' $, *.,'- $' 1'$, *$' % +$#*..!0' ,*+' %$' ,#'+$' ,*#2,' %-$+' $,0#0' %:: 0%#+' '-' >>K)' %2 -6'#4%$' -' $ ' '!%#8'50%-' %-5' $,0' 2%- -+' 6' ,#'+$' ,*#2,' 18-0,%4' ;8' $,0' #4%-' ! #5' 6' %!!' $,0'# : ++0++' -+' '-2!*5'-.' $,0' +2, !' 6' $,0' +%40' $ 1-' %+' $,08' 10#0' .#%-$05' $ ' ,'+' 6%$,0#' ;8' 0-#8' '%$' $,0' ;0.'--'-.' 6 ,'+' #0'.-=' $' 0#;8' -' $,0' $,0#' ,%-5' $,0' ;'+, :' 2 -6'#4+' $ ' $,0' -01' %;;08' 6' 0#;8' %; *$' >>QJ' $,0'# : ++0++' -+' '-2!*5'-.' $,0' +2, !' 6' $,0' +%40' $ 1-' %+' .#%-$05' ;8' '!!'%4' 6' $,0' :#'!' 0%#5' %-5',' 4+0!6' $' 056 #5' 2' >>OK' '2, !%+' #2,50%2 -' 6' 056 #5' %+' % 2%- -' 6' $' %*!+' $,0#0' '-' %' 5 2*40-$' 0-9 $0#05' '-' $,0' 2,%#$*!%#8' 6' $,0' %;;08' 6' 01-? ,%4' R' 2 -60++05' S' $,%$' R' 056 #5' 2, !' 4.(' 8 %* 1,'2,' ,%70',0!5' 6 #+ 40' $'40' 1'$,' $,0' 2 -+0-$' 6' 48' 60!! 1' 2%- -+' '+' 6' $,0' #'.,$ %-5' %::*#$0-%-$' $ ' $' %*[illegible]+' %-5' $,0#06 #0' ' ,%70' 7 !*-$%#'!8' #0+'.-05' '$' $ ' $,0' #0.*!%# 2%- -+' 6' $,%$' 2,*#2,' S' 1,' 10#0' %6$0#1%#5+' 4 705' *$' $ ' 01-,%4 ,0' !5' 2 !!0.'%$0' 2,*#2,0+' 10#0' %6$0#' $,0' -U*0+$' #.%-'G05' 4*2,' !'30' $,0' 2%$,05#%!+' 1'$,' 6 *#' :#'-2':%!' :0#+ -+' '-+$0%5' 6' $1 ' 10' 6'-5' %$' 070#!08' :#7 +$' :#020-$#' +2, !4%+$0#'%6$0#1%#5+' 2%!!05' 2,%-20!! #'%-5' +%2#'+$' #$#0%+*#0#' %-5' $,0' +2, !4%+$0#' %:9 :0%#+' %; *$' >>KK' %+' $,0' ,0#' 6' %' $%!0' 1,'2,' #0+*!$+' '-' $' (,-' 6' 070#!08' 4'#%2*! *+!8' 2*#'-.',' 4' 6' ,'+! 70' 6 #' %' :#0$$8' .'#!' ,0' ,%5' +00-' '-' 2,*#2,' -' $,0' 6 *#$00-$,' 20-$*#8' 1,0-' '$+' 0%#!'0+$' 2,%:$0#' 4'-*$0' ; 3' ;0.'-+' 10' 6'-5' 2 :' *+' #060#0-20+' $ ' $,0' .#%44%#' +2, !' $,0' 2,%-20!! #%:: '-$'-.' $,0' 4%+$0#' %+' *+*%!' %-5' $,0' 2,%:$0#' 2 -6'#4'-.',' +4 - : !8' 6' +2, !' 300:'-.' '-' $,0'#' !';0#$8' 1,'2,' 0E9 $0-505' 6 #' $,#00' !0%.*0+' # *-5' $,0' 4'-+$0#' ,0' 4%+$0#' ,%5' '$%:: 0%#+' $,0'#'.,$' 6' 2#0%$'-.' ;%2,0! #+' '-' $,0' +2, !' ' %$' ': -' %-5' *$,10!!' %+' + -' %+' $,0' 2,%:$0#' ; 3+' %#0' 0E$%-$' $,0' +2, !+' %::0%#' $,0' .#%44%#' +2, !' *-50#' $,0' 2,%-20!! #%+' $,0' + -.' +2, !' *-50#' $,0' +2, !' 0%#$*!%#8' 6' $,0' %;;08' 6' 01-?,%4' R' 2 -60++05' S' $,%$' R' 056 #5' 2, !' 4.(' 8 %* 1,'2,' ,%70',0!5' 6 #+ 40' $'40' 1'$,' $,0' 2 -+0-$' 6' 48' 60!! 1' 2%- -+' '+' 6' $,0' #'.,$ %-5' %::*#$0-%-$' $ ' $' %*[illegible]+' %-5' $,0#06 #0' ' ,%70' 7 !*-$%#'!8' #0+'.-05' '$' $ ' $,0' #0.*!%# 2%- -+' 6' $,%$' 2,*#2,' S' 1,' 10#0' %6$0#1%#5+' 4 705' *$' $ ' 01-,%4 ,0' !5' 2 !!0.'%$0' 2,*#2,0+' 10#0' %6$0#' $,0' -U*0+$' #.%-'G05' 4*2,' !'30' $,0' 2%$,05#%!+' 1'$,' 6 *#' :#'-2':%!' :0#+ -+' '-+$0%5' 6' $1 ' 10' 6'-5' %$' 070#!08' :#7 +$' :#020-$#' +2, !4%+$0#'%6$0#1%#5+' 2%!!05' 2,%-20!! #'%-5' +%2#'+$' #$#0%+*#0#' %-5' $,0' +2, !4%+$0#' %:9 :0%#+' %; *$' >>KK' %+' $,0' ,0#' 6' %' $%!0' 1,'2,' #0+*!$+' '-' $' (,-' 6' 070#!08' 4'#%2*! *+!8' 2*#'-.',' 4' 6' ,'+! 70' 6 #' %' :#0$$8' .'#!' ,0' ,%5' +00-' '-' 2,*#2,' -' $,0' 6 *#$00-$,' 20-$*#8' 1,0-' '$+' 0%#!'0+$' 2,%:$0#' 4'-*$0' ; 3' ;0.'-+' 10' 6'-5' 2 :' *+' #060#0-20+' $ ' $,0' .#%44%#' +2, !' $,0' 2,%-20!! #%:: '-$'-.' $,0' 4%+$0#' %+' *+*%!' %-5' $,0' 2,%:$0#' 2 -6'#4'-.',' +4 - : !8' 6' +2, !' 300:'-.' '-' $,0'#' !';0#$8' 1,'2,' 0E9 $0-505' 6 #' $,#00' !0%.*0+' # *-5' $,0' 4'-+$0#' ,0' 4%+$0#' ,%5' '$%:: 0%#+' $,0'#'.,$' 6' 2#0%$'-.' ;%2,0! #+' '-' $,0' +2, !' ' %$' ': -' %-5' *$,10!!' %+' + -' %+' $,0' 2,%:$0#' ; 3+' %#0' 0E$%-$' $,0' +2, !+' %::0%#' $,0' .#%44%#' +2, !' *-50#' $,0' 2,%-20!! #%+' $,0' + -.' +2, !' *-50#' $,0' +2, !' 0%#$*!%#8' 6' $,0' %;;08' 6' 01-?

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$,0#ſ $,0ſ #0!'.' *+ſ 2 -+2' *+-0++ſ 6ſ 0E$#040ſ # $0+$%-$'+4ſ H 00ſ % o # * ſ %# ſ 6 ſ% # 5ſ -ſ 1,%$070#ſ 2 *-$#'0+ſ$,'+ſ#0!'.' *+ſ %$$'$*50ſ ,%5ſ ;00-ſ :#0+0-$ſ $,0ſ !0%50#+ſ ,%5ſ '-2!*505ſ '-ſ $,0'#ſ +2,040ſ 6ſ #06 #4ſ + 40ſ 2 -20:$'-ſ 6ſ .0-0#%!ſ 05*2%$'-ſ $ſ-005ſ-$ſ $,0-ſ ;0ſ 2%*+0ſ6 #ſ +*#:#'+0ſ$ſ6'-5ſ$,'+ſ *#'$%-ſ '50%!ſ 0%#!8ſ +003'-.ſ04; 5'140-$ſ'-ſ!0.%!ſ6 #4ſ %-5ſ :#'-2':!0ſ $,%$ſ '+ſ -.!'+,ſ'-ſ '$+ſ #'.'-ſ ,'+ſ+$0:ſ%::0%#+ſ '-ſ $,0ſ %2$ſ 6ſ >OMNſ 1,'2,ſ '+ſ -ſ$,0ſ1, !0ſ%ſ *#'$%-ſ5%:$%$'-ſ 6ſ $,0ſ -.!'+,ſ!%1+ſ%!#0%58ſ#07'0105ſ Rſ ,0ſ-0.!02$ 6ſ 4%-8ſ:%#0-$+ſ%-5ſ 4%+$0#+ſ'-ſ$#%'-'-.ſ*:ſ $,0'#ſ 2,'!5#0-ſ'-ſ !0%#-'-.ſ%-5ſ!%;ſ#ſS'+ſ$,0ſ 22%+'-ſ 6ſ$,0ſ!%1ſ Rſ ,0ſ 2, +0-ſ40-Sſ%+ſ $,0ſ -.!'+,ſ 70#+00#+ſ 6ſ$,0ſ: #ſR2,%#.05ſ 1'$,ſ$,0ſ #05#0++ſ 6ſ$,'+ſ07'!Sſ%#0ſ04: 10#05ſ Rſ$ſ:*$6 #$,ſ H%+Fſ%::#0-$'20+ſ$,0ſ2,'!5#0-ſJſ 6ſ%!ſ1, ſ%#0ſRſ-$%;!0ſ%-5ſ6'$ſ$ſ;#'-.ſ$,04ſ *:Sſ Rſ ,08ſ%#0ſ%!+ſ$ſ:# 7'50ſ%+*66'2'0-$ U*%-$'$8ſ 6ſ 4%$0#'%!+ſ%+ſ 6!%Eſ ,04:ſ0$2ſ ſ ſ ſ 6 #ſ 1 #3'-.ſ *$ſ$,0ſ+%40Sſ -ſ$,'+ſ 40#'2%-ſ #0:# 5*2$'-ſ 6ſ $,0ſ -.!'+,ſ%::#0-$'20+,':ſ !%1ſ%#0ſ#0:0%$05ſ0E:!'2'$!8ſ #ſ4:!'2'$!8ſ6 *#ſ 6ſ $,0ſ 6'7"0 -.!'+,ſ:# 7'+'-+ſ %!#0%58ſ-$05ſ *$ſ$ſ$,04ſ'+ſ%5505ſ$,%$ſ+'.-'6'2%-$ſ2-$#'9 ;*$'-ſ 6ſ$,0ſ # $0+$%-$ſ #0!'.' *+ſ 2 -+2' *+9 -0++ſ$,0ſ2, +0-ſ40-ſ'-ſ$,0'#ſ 70#+'.,$ſ 6ſ$,0ſ 2,'!5#0-ſ+,%!ſ Rſ$%30ſ%22 *-$ſ ſ ſ ſ 0+:02'%!!8ſ 6ſ$,0'#ſ%;'!'$8ſ$ſ #0%5ſ%-5ſ*-50#+$%-5ſ$,0ſ :#'-2':!0+ſ 6ſ #0!'.' -ſ%-5ſ$,0ſ2%:'$%!ſ!%1+ſ 6ſ $,'+ſ2 *-$#8Sſ #ſ$,0ſ6'#+$ſ$'40ſ'-ſ$,0ſ -.9 !'+,?+:0%3'-.ſ1 #!5ſ50+ſ%2 4:0$0-$ſ!0.'+!%9 $'70ſ ;58ſ #0U*'#0ſ $,%$ſ %!!ſ 2,'!5#0-ſ+,%!!ſ ;0ſ $%*.,$ſ$ſ#0%5ſ *$ſ6ſ$,0ſ -.!'+,ſ: #ſ!%1ſ 40#'2%ſ $%30+ſ '$+ſ 6'#+$ſ +$0:ſ $ 1%#5ſ+$%$0ſ 2 -$# !ſ 6ſ 05*2%$'-ſ ,0ſ%2$ſ50+ſ-$ſ0+9 $%;!'+,ſ+2, !+ſ%-5ſ$,0ſ#0!'.' *+ſ4 $'70ſ'+ſ$ſ ;0ſ!06$ſ;0,'-5ſ'-ſ05*2%$'-%!ſ:# .#0++ſ;*$ſ $,0ſ.%'-ſ$ſ05*2%$'-ſ'+ſ%22 4:!'+,05ſ%-5ſ$,0ſ 6*$*#0ſ'+ſ$ſ;*'!5ſ-ſ'$,0ſ%2$ſ6ſ >OMLſ2 40+ſ-0E$ſ ſ;%+0ſ'$ſ 070-ſ'-ſ:%#$ſ-ſ -.!'+,ſ: #ſ!%1ſ+00 4+ſ,%#5!8ſ 1%##%-$05ſ #ſ5 0+ſ$,0ſ >OMNſ%2$ſ6ſ'$+0!6ſ 6*#-'+,ſ'%ſ+*66'2'0-$ſ6 *-5%$'-ſ ,0ſ#0!'.' *+ſ 2 -+2' *+-0++ſ'+ſ*:0#4 +$†ſ Rſ $ſ;0'-.ſ -0ſ 6ſ 2,'06ſ:'-$ſ 6ſ$,%$ſ !5ſ50!*50#ſ %$%-ſ$ſ300:ſ 40-ſ6# 4ſ$,0ſ3-1!05.0ſ 6ſ$,0ſ+2#':$*#0+Sſ ,0ſ+2, !+ſ%#0ſ:#'4%#'!8ſ6 #ſ$,0ſ2!0#.8ſ$,%$ſ $,08ſ4%8ſ,%70ſRſ$,0ſ*+0ſ 6ſ$ -.*0+Sſ%-5ſ+ſ %7 '5ſ$,0ſRſ6%!+0ſ.! ++0+ſ 6ſ+%'-$ +0042'-.ſ509 20'70#+Sſ %23ſ '6$,0ſ%2$ſ4%8ſ;0ſ+%60!8ſ%+9 +*405ſ$,0ſ.0-0#%!ſ0E%4:!0ſ 6ſ *#:0%-ſ #$9 0+$%-$'+4ſ ,0#0ſ,%+ſ%+ſ80$ſ;00-ſ%55*205ſ-ſ :#6ſ$,%$ſ$,0ſ5 ſ8 9ſ /ſ' (6ſ #$,0#ſ 2$$'+,ſ05*2%$'-%!ſ%2$'7'$8ſ,%5ſ%-8ſ 50$0#4'-'-.ſ'-6!*0-20ſ 1070#ſ4*2,ſ05*9 2%$'-ſ'+ſ%.%'-ſ'-50;$05ſ$ſ#0!'.' *+ſ G0%!ſ '$+ſ.%'-ſ#04%'-+ſ%++*#05ſ ?ſ 70#8ſ$1-+,':ſ 6ſ6'6$8ſ ,*+0,!50#+ſ ſ ſ ſ +,%!!ſ ſ ſ ſ%:9 :'-$-0ſ1'$,'-ſ$,0'#ſ$1-ſ$ſ$0%2,ſ%!!ſ+*2,ſ 2,'!5#0-ſ%+ſ+,%!!ſ#0+#$ſ$ſ,'4ſ$ſ#0%5ſ%-5ſ 1#'$0ſ ſ ſ ſ ,0#0ſ%-8ſ$1-ſ+,%!!ſ'-2#0%+0ſ$ſ $,0ſ-*4;0#ſ 6ſ -0ſ,*-5#05ſ6%4'!'0+ſ#,*+09 ,!50#+ſ$,08ſ+,%!!ſ+0$*:ſ%.#%44%#+2, !

$,0ſ4%+$0#$,0#0 6ſ;0'-.ſ%;!0ſ$ſ'-+$#*2$ſ8 *$,ſ ſ ſ ſ 6 #ſ$,0ſ*-'70#+'$8Sſ ſ+02 -5ſ.#0%$ſ+$0:ſ '+ſ -1ſ$%30-ſ $ſ -!8ſ'+ſ%ſ+2, !ſ+8+$04ſ ;*'!$ſ;*$ſ6 #ſ$,0ſ6'#+$ſ$'40ſ'-ſ$,0ſ -.!'+,ſ !%-.*%.0ſ'+ſ$,0#0ſ%ſ!0.%!!8ſ7%!'5ſ%+2#$'-ſ 6ſ $,0ſ#'.,$ſ 6ſ$,0ſ $%$0ſ$ſ #0U*'#0ſ 6ſ! 2%!ſ2 49 4*-'$'0+ſ $,%$ſ $,08ſ 0+$%;!'+,ſ %-5ſ 4%'-$%'-'+2, !+ſ 6ſ.0-0#%!ſ!0%#-'-.ſ ,0ſRſ244 -9 10%!$,'Sſ'+ſ 40-$'-05ſ %!-.ſ 1'$,ſ $,0ſ Rſ2,*#2,Sſ%+ſ%;0-06'2'%#8ſ 6ſ$,0ſ%2$ſ -ſ$,0ſ !'.,$ſ 6ſ+*;+0U*0-$ſ5070!:40-$ſ'$2%-ſ+%60!8ſ ;0ſ+%'5ſ$,%$ſ$,0+0ſ$1ſ !%++%2,*+0$$+ſ%2$+ſ 6ſ >OMNſ%-5ſ >OMLſ!%'5ſ$,0ſ6*-5%$'-ſ 6ſ$,0ſ 40#'2%-ſ:*;!'2ſ+2, !+8+$04 .(ſ " ſ ſ (0 ⅋/ſ ,'+ſ40$, 5ſ 6ſ+2, !+*::#$ſ '+ſ 0! +0!8ſ 2--02$05ſ'-'$+ſ#'+0ſ1'$,ſ $,0ſ %2$ſ 6ſ >OMLſ%-5ſ '+ſ ,%#5!8ſ!0++ſ'.9 -'6'2%-$ſ ,0#0ſ 1%+ſ'-ſ $,0ſ2%+0ſ 6ſ $,0ſ+*::#$ſ 6ſ $,0ſ4'-'+$#8ſ%-5ſ 6ſ$,0ſ+2, !+ſ$ 3ſ:!%20ſ'-ſ %++%2,*+0$$+ſ -ſ >OJMſ$,0ſ$1-+ſ10#0ſ%*9 $,#'G05ſ$ſ *+0ſ#%$0+ſ6 #ſ%!!ſ :*;!'2ſ2,%#.0+ſ ,0ſ%::!'2%$'-ſ 6ſ$,'+ſ, 1070#ſ$ſ$,0ſ+*:9 :#$ſ 6ſ$,0ſ4'-'+$#8ſ1%+ſ;8ſ+40ſ ;&02$05ſ$ſ -ſ$,0#0$'2%!ſ.# *-5+ſ1,'!0ſ'$+ſ%::!'2%$'-ſ $ſ$,0ſ+2, !+ſ1%+ſ%+ſ80$ſ$ſ-70!ſ$ſ.%'-ſ%-ſ 0%#!8ſ%220:$%-20ſ -ſ$,0ſ2%+0ſ 6ſ$,0ſ6 #40#'%!04ſ+, 1+ſ2 -2'+0!8ſ$,0ſ$,#00ſ+$0:ſ 6ſ$,0ſ 07 !*$'-ſ >OJPſ Rſ%7 !*-$%#'0ſ$ 1-0ſ2 -9 $#';*$'-ſ$ 1%#5+ſ $,0ſ 4%'-$0-%-20ſ 6ſ *#4'-'+$#8ſSſ >OQLſ Rſ%!!ſ $, +0ſ :0#+ -+ſ $,%$ſ 1'!!ſ -$ſ+*;+2#';0ſ-#2 -$#';*$0ſ1%#5+ſ$,0ſ 4%8-$0-%-20ſ 6ſ$,0ſ4'-'+$#8ſ+,%!;0ſ #%$05ſ %-5ſ$,0ſ+0!02$40-ſ$ſ#%$0ſ84Sſ >OQPſR #9 50#05ſ$,%$ſ$, +0ſ+*40+ſ6 #ſ$,0ſ4'-'+$#8ſ+,%!!ſ ;0ſ#%'+05ſ*::-ſ$,0ſ$1-';8ſ1%8ſ 6ſ#%$0Sſ -ſ$,0ſ2%+0ſ 6ſ+2, !+*::#$ſ$,0ſ >OMLſ%2$ſ ;0%#+ſ+:02'6'2%!!8ſ ,0ſ+2, !4%+$0#ſ+ſRſ1%.0+ſ +,%!!ſ ;0ſ:%'5ſ$,04ſ;8ſ$,0ſ:%#0-$+ſ #4%+$0#+ſ 6ſ+*2,ſ2,'!5#0-ſ #ſ;8ſ$,0ſ'-,%;'$%-$+ſ'-ſ .0-0#%!ſ ſ %+ſ$,0ſ4%& #ſ:%#$ſ 6ſ$, +0ſ$,%$ſ #50#ſ$,0ſ:#*50-$'%!+ſ 6ſ$,0ſ$1-ſ+,%!ſ%:9 :'-$Sſ ,0ſ$1-+ſ4%8ſ2, +0ſ%:5ſ070#8ſ :++';!0ſ%##%-.040-$ſ%::0%#+ſ'-ſ$,0ſ#02 #5+ſ ,0ſ-220++'$8ſ6ſ$,0ſ2%#0ſ6ſ$,0ſ: #'-ſ$,0+0ſ +2, !+ſ6#205ſ*:-ſ$,0ſ$1-ſ+40ſ:%#$ſ6ſ$,0ſ +2, !4%+$0#ſ+%!%#8ſ ,0ſ:0-%!$'0+ſ%$$0-59 '-.ſ%-8ſ5'+#0.%#5ſ6ſ$,0ſ>OMLſ%2$ſ4%50ſ$,0ſ $1-ſ%$ſ$'40+ſ:%'-6*!!8ſ2-+2'*+ſ6ſ'$+ſ#09 +:-+';'!'$8ſ ,0+0ſ$1ſ 0!040-$+ſ%+ſ+:*#+ſ $ſ$,0ſ504 2#%$'2ſ+0-+0ſ 6ſ$,0ſ2 44*-'$8ſ :#;%;!8ſ%22*-$ſ6#ſ$,0ſ*-'70#+%!ſ%220:$9 %-20ſ6ſ$,0ſ$%E'!078ſ%+ſ$,0ſ:#:0#40%-+ſ6ſ +2, !+*::#$ſ #ſ(%23+-⅋+ſ 0E,%*+$'70ſ +$*58ſ6ſ$10-$8?-0ſ$1-+ſ6#1,'2,ſ#02 #5+ſ %#0ſ%7%'!%;!0ſ+, 1+ſ%4-.ſ $,0#ſ$,'-.+ſ

H>F $, %$ 6 $, 0 +'E $ 1 - + 1 , +0 #02 #5+ 6 +* : : #$ %-$05%$0 $, 0 >OML %2$ %!! ; *$ -0 %#0 1 , 0 - $, 0 #02 #5+ ; 0 . '- * +'- . $, 0 40$, 5 6 2 -9 $#'; *$' -+ ' %$!0%+$ '- : %#$ HNF , %$ $, 0 2*+$ 4 1%+ '- +$ - %- 5 $, 0 # $ 1 -+ %$ % !%$0# 5%$0 H>OMQF $: %8 R $, 0 80%#!8 2 , %#. 0 6 $, 0 +2 , ! ; 8 2 -$#'; *$' - 0'$, 0# ; 8 7 !9 *-$%#8 %!! 1%-20 # ; 8 #%$0 6 +*2 , %+ #09 6*+05 S H '-$, # : + , '+$ #8F HJF , %$; 8 >LOM *-50# $, 0 : #0++*#0 6 $, 0 : 0-%!$'0+ 6 $, 0 >OML %2$ -!8 -0 6 $, 0 $ 1 -+ +$*5'05 1%+ +$'!! *+'-. $*'$' - H , 0 405'%- 5%$0 6 #%$0 %5 :$' - 1%+ >L>Q F %$0+ %- 5 $, 0# : *; 9 !'2!8 50#'705 6*-5+ , %5 +* : : !%-$05 %!! $, 0# 40%-+ 6 +2 , ! +*: : #$, 0-'$'+ #02 !!02$05 $, %$ -.!%-5 5'5 - $ ' *-$'! $, 0 !%$$0# : %#$ 6 $, 0 -'-0$00-$, 20-$*#8 %++* 40 $, 0 #0+: -+'9 ; '!'$8 6 6*#-'+, '-. 05*2%$' - 6#00 $ ' %!! 10 2%- $, 0 ; 0$$0# #02 . -'G0 $, 0 +'. -'6'2%-20 6 $, '+ %2, '070 40-$ 6 2 ! -'%! %++%2, *+0$$+ '#$1 ' 1 ' , , %& " . % /+ " * , $0 (+! "++% -(+/(/ , 0 *$2 , '- 01 0$, 0#? !%-5 01 #3 %-5 $, 0 0#4%-+ 6 7%#' *+ +02$+ '- 0--+8!7%-'% ; # *. , $ 1'$, $, 04 $ 40#'2% % +2 , ! $#%5'$' - %-5 2*+$ 4 5'660#0-$ 6# 4 $, +0 :#07' *+!8 +$*5'05 '- '#.'-'% %-5 %++%2, *+0$$+ %+ $ 2 -+$'$*$0 ($, '#5 $8 : 0 6 %$$'$*50 $ 1%#5 $, 0 : # ; !04 6 +2 , ! 2 -$# ! %-5 +*: : #$, 0] *%30#+ 5070! : 05 4*2 , $, 0 +%40 +8+$04 ; $, ' - 0--+8!7%-'% %-5 0!+01 , 0#0 %-5 1'!! %22 #59 '-.!8 ; 0 '-2!*505 '- $, 0 +%40 5'+2*++' - , 0 2 , %#%2$0#'G'-. 60%$*#0 6 $, '+ $8 : 0 '+ 6 *-5 '- $, 0 2! +0 2 --02$' - ; 0$100- $, 0 , *#2 , ' - '$+ #.%-'2 2%: %2'$8%-5 $, 0 +2 , ! , 0 01 0$, 0#!%-5 +2 , !4%+$0#+ +0-$ *$; 8 $, 0 0+$ -5'% 4 :%-8 10#0 6'#+$ 20#$'6'2%$05 ; 8 $, 0 06 #405 *$2 , *#2 , %*$, #'$'0+ '- 4+$0#5%4 , 0 : *; !'2 +2 , !4%+$0#' - 01 0$, 0#!%-5 , 0!5 % // ($, 0 : +'$' -+ 6 #0%50# 4 /* %-5 :#020-$ # 4 ; * '- $, 0 :%#$'2*!%# 2 , *#2 , 1'$, 1 , '2 , $, 0 +2 , ! 1%+ 2 --02$05 %-5 C' - 2%+0 6 $, 0 +'23-0+ # %; +0-20 6 $, 0 4'-'+$0# 4 *+$ #0%5 % +0#4 - 6 # $, 0 05'6'2%$' - 6 $, 0 2 -.#09 .%$' - S , 0 2 44 - :#%80#+ %-5 $, 0 2.%$09 2 , '+4 6 #405 :%#$ 6 $, 0 +2 , ! 2*##'2*!* 4 , 0 - ' - >LL> $, 0 06 #405 *$2 , 2 , *#2 , 0+ - 40#'2% 6 #405 %- %++04 ; !8 6 $, 0'# 1 - '$ 1%+ #00-%2$05 $, %$ R $, 0 #0+: 02$'70 2 -.#09 .%$' -+ +, %!! , 0#0%$0# 4%30 '$ $, 0'# ; *+'-0++ $ 0+$%; !'+ , +2 , !+ * -50# $, 0 5'#02$' - 6 $, 0 2 -+'+$ #'0+S %-5 R 070#81 , 0#0 $, 0 2 -+'+$ #'0+ +, %!! +00 $ ' '$ $, %$ $, 0#0 %#0 . 5 +2 , ! 4%+$0#+ S *; +$%-$'%!!8 $, 0 +%40 +004+ $, %70 ; 00- $#*0 6 $, 0 0--+8!7%-'% 0#4%-+ $ %: 9 : 0%#+ 6# 4 $, 0 #02 #5+ 6 $, 0 *$, 0#%- 2 , *#2 , 0+ '- 0--+8!7%-'% $, %$ R 0%2 , 2 -.#0.%$' - ' 0+$%; !'+ , 05 % 2 -.#0.%$' -%! +2 , ! %! -.+'50 6 $, 0 2 , *#2 , ' %$ $, 0 0%#!'0+$: ++'; !0 : 0#' 5 %6$0# '$+ 6 #4%$' - S -5 $, 0 +%40 %: : 0%#+ $, %70 ; 00- $#*0 6 %!! $, 0 $, 0# +02$+ , 0 2! +0-0++ 6 $, 0 2 --02$' - ; 0$100- 2 , *#2 , %-5 +2 , ! 4%8 ; 0 '-60##05 6# 4 % >LML 2 -$#%2$T ?' $, 0 *-50#+'.-05 (, - 664%- :%# 2 , '%! $0%2 , 0# 6 $, 0 2 , *#2 , %$ %-2%+$0# , 70 :# 4'+05 '- $, 0 :#0+0-20 6 $, 0 2 -.#0.%$' - $ +0#70 %+ 2 , #'+$0#' %-5 %+ ! -.' %+ 10 , %70 - :%+$ # $ 0#0%5 +0#4 -+ - *-5%8 - +*4 40# :# 4'+0 $, !5 2%$02 , 0$'2%! '-+$#*29 $' - 1'$, $, 0 8 *-. %+ ; 02 40+ % 6%'$, 6*! $0%2 , 0# %-5 %!+ $!0%5 $, 04 '- +'-.'-. %-5 $ %$$0-5 $ $, 0 2! 23 S , '!0 $, 0 022!0+'9 %+$'2%! 4%2 , '-0#8 6 $, 0] *%30#+ 1%+ -$'+ +$# -.' %+ $, %$ 6 $, 0 $, 0# +02$+ ' $ 0'# '-$0#0+$ '- :%# 2 , '%! 05*2%$' - 1%+ -$!0++ %2$'70 -' >LNN %$ $, 0 80%#!8 400$'-. 6 #'0-5+ 6 # $, 0 # 7'-20 6 0--+8!7%-'% %-5 01 (0#+08 '$ 1%+ +0$ 6 #$, $, %$ R *# %57'20 '+ $, %$ %!! #'0-5+ 2 , !5#0- , %70 + 4*2 , !0%#-'-. %+ $ #0%5 , 0 , !8 +2#': $*#0+ %-5 $, 0# -.!'+ ; 3+ %-5 $ 1#'$0 %-5 2%+$ %22 *-$+ %-5 6 # $, %$ 0-5 !0$ $, 0 #'2 , , 0!:' $, 0 : # S' - >LMO R 0 50+'#0 8 *' '- 8 *# +070#%! 4 -$, !8 400$'-.+ $ 0-2 *#%.0 %-5 %++'+$ 0%2 , $, 0# '- $, 0 +0$$!040-$ %-5 +*: : #$ 6 +2 , !+ S < %-5 $, '+ '+ 4%-8 $'40+ #0:0%$05 '- +*; +0U*0-$ 80%#+ 00 & # * ' '%6 # % ' (1 / , 0-'$' '+ #02%!!05 $, %$ '- >LOK *$ 6 % $ $%!' : :*!%$' - 6 NQK KKK '- 0--+8!7%-'% $, 0 #'0-5+ 10#0 0+$'4%$05 %$ QK KKK %-5 $, 0 0#4%-+ %$ PK KKK ' $, 0 :%#$:!%805 ; 8 $, 0+0 :%# 2 , '%! +2 , !+ '+ $, 0 ; 0$$0# %: :#02'9 %$05 -' #0+:02$ 6 20-$0#'-. %$$0-$' - ' %-5 0!040-$%#8 05*2%$' - 6 $, 0 $, #00 '-+$0%5 6 :#060##'-. .#%44%# +2 , !+ %+ 1%+ 5 -0 6 # $, 0 4 +$:%#$ 0!+01 , 0#0 %-5 '- #09 +:02$ 6 05*2%$'-. .'#!+ %+ 10!! %+ ; 8+ '- $, 0+0 +2 , !+ '$ 4'. , $ #0%5'!8 ; 0 %54 '$$05 $, %$ $ ' $, '+ $8 : 0 ; 0! -.+ $, 0 2#05'$ 6 # %:9 :# %2 , '-. ' %$ $, '+ 0%#!8 5%$0 4 +$ -0%#!8 $ $, 0 4 50#-' '50% 6 %-5 0!040-$%#8 +2 , ! *$ $, '+ 5 0+ - $ 40%-5 $, %$ $, 0 40#'2%- : *; !'2 +2 , ! 2%40 6# 4 5 $, '+ + *#20 $ -!8 5 0+ $, 0 , '+$ #8 6 $, 0 :#0+0-$: *; !'2 +2 , !+ +, 1 %- $, 0# #'.'- < ; *$ '$ 4*+$; 0 %54 '$$05 $, %$ '- 0--+8!7%-'% %$!0%+$ $, 0 :%# 2 , '%! +8+$04 ; 8 '$+ : +'$' 70 : : +'$' - 50!%805 $, 0 %220 :$9 %-20 6 $, 0 : *; !'2 +2 , ! '50%) "+"$(' '($(1&"$/%&/1% ,3 &'" , , +/(%&" . % / %#8!%-5 4%8 ; 0 2 -+'50#05 %+ :#09 +0-$'-.'%6 *#$, $8 : 0 :# : +05 ; *$ - $5070! : 05 $, %$ 6 %2 *-$8+8+$04 6 6#00 +2 , !+ +*: : #$05 ; 8 .0-0#%! 2 ! -'%! $%E%$' - , 0 2 ! -'0+ - $ %!#0%58 2 -+'50#05 .# *: $, 04+0!70+ %; *$ -0 # $, 0 $, 0# 6 $, 0+0 $8 : 0+ --02$'2*$ -5 01 %4 :+, '#0 6 !! 1 $, 0 0E%4 :!0 6 %+9 +%2 , *+0$$+ , 50 +!%-5 01 #3 01 (0#+08 0!%1%#0 %-5 #$, %# !'-% 6 !9 ! 1 $, 0 -.!'+ , %$$'$*50 %+ 0E04 :!'6'05 ; 8 '#.'-'% *$, %# !'-%+ !0.'+!%$'70 , '+$ #8 , %5 '$; 00-6 !! 105 '-:#%2$'20 1 *!5 , %70 .'70-% %'6'6$, $8 : 0 '-%40!8 $, 0 !0.'+!%$'70 0+9 $%; !'+ , '-. 6 % +8+$04 6 :%#'+ , +2 , !+ -' >L>N %: :# :#'%$' -+ 10#0 660#05 $ 1%#5 ; *'!59 '-. % +2 , ! *+0 '- 0%2 , :%#'+ , *-50# $, 0 5'#02$' - 6 $, 0 0+$%; !'+ , 05 2 , *#2 , H$, 0 , *#2 , 6 -.!%-5 %-5 6 # % +2 , !4%+$0#+ +%!%#8

: :%#0-$!8ʻ !'$$!0ʻ 1%+ʻ 5 -0ʻ '-ʻ #0+: -+0ʻ $ ʻ $,0ʻ 66O#ʻ 6$0#1%#5+ʻ '-ʻ >LNNʻ %ʻ +8+$0 4ʻ U*'$0ʻ +'4'!%# $ ʻ $,%$ʻ 6ʻ %#8!%-5ʻ H>LNJFʻ 1%+ʻ %*9 $, #'G05ʻ ,0ʻ &*+$'20+ʻ 6ʻ $,0ʻ +070#%!ʻ 2 *-$8ʻ 2 *#$+ʻ 10#0ʻ $ ʻ 0+$%;!'+,ʻ %ʻ Rʻ6#00ʻ +2, !ʻ Sʻ H %$'-ʻ .#%4 4%#Fʻ '-ʻ 0%2,ʻ 2 *-$8ʻ %-5ʻ :#09 2'-2$ʻ !078'-.ʻ% ! 2%!ʻ $%Eʻ $ ʻ :%8ʻ 6 # $,0ʻ +2, !?ʻ , *+0ʻ 1,'!0ʻ $,0ʻ +$%$0ʻ 66O#05ʻ % +%!%#8ʻ 6ʻ aNQʻ 6 # $,0ʻ +2, !4%+$0#ʻ *$ʻ $,'+ʻ $ ʻ 2%4 0ʻ $ ʻ - $,'-.ʻ -ʻ :#%2$'20ʻ *$,ʻ %# !'-%6 !! 105ʻ 2! +0!8ʻ '-ʻ $,0ʻ 6 $+$0:+ʻ 6ʻ '#.'-'%ʻ 0 #.'%ʻ 6 *-505ʻ 4*2,ʻ %6$0# %!ʻ $,0ʻ $,0#+ʻ %-5ʻ ! -.ʻ *-:# +:0# *+ʻ 0-& 805ʻ $,0ʻ *-'U*0ʻ 0E:0#'0-20ʻ 6ʻ ,%7'-.ʻ $,0ʻ %#!'%40-$ʻ 6ʻ -.!%-5ʻ :# 7'50ʻ $,0ʻ 2 ! -'%!ʻ ;*5.0$ʻ '-2!*5'-.ʻ $,0ʻ +%!%#'0+ʻ 6ʻ $1 ʻ +2, !4%+$0#+ʻ ,'+ʻ 1%+ʻ 2 -$'-*05ʻ *-$'!ʻ $,0ʻ 07 !*$' -

,*+ʻ '-ʻ 2 ! -'%!ʻ 5%8+ʻ 10#0ʻ !%'5ʻ $,0ʻ 6 *-9 5%$' -+ʻ 6ʻ $,0ʻ :#0+0-$ʻ 40#'2%-ʻ :*;!'2ʻ +2, !ʻ +8+$0 4ʻ ,0ʻ 6 !! 1'-.ʻ :#'-2':!0+ʻ - $ʻ :#09 7' *+!8ʻ 0E:!'2'$ʻ '-ʻ -.!'+,ʻ :#%2$'20ʻ 10#0ʻ 049 ; 5'05ʻ '-ʻ %2$*%!ʻ +8+$0 4+ʻ :#' #ʻ $ ʻ $,0ʻ 07 9 !*$' -Tʻ H>Fʻ ,0ʻ #'.,$ʻ 6ʻ $,0ʻ $%$0ʻ $ ʻ #0U*'#0ʻ $,0ʻ 05*2%$' -ʻ 6ʻ %!ʻ '$+ʻ 2'$'G0-+ʻ H %++%2,*+0$$+ʻ >OMNFʻ HNFʻ ,0ʻ #'.,$ʻ 6ʻ $,0ʻ $%$0ʻ $ ʻ2 4:0! ! 2%!ʻ 2'7'!ʻ 5'7'+' -+ʻ $ ʻ 0+$%;!'+,ʻ +2, !+ʻ H %+9 +%2,*+0$$+ʻ >OMLFʻ HJFʻ ,0ʻ #'.,$ʻ 6ʻ $,0ʻ ! 2%! 2'7'!ʻ 5'7'+' -ʻ $ ʻ +*::#$ʻ +2, !+ʻ 6ʻ .0-0#%!ʻ 05*2%$' -ʻ ;8ʻ %ʻ $%Eʻ !078'-ʻ %!ʻ #%$%;!0ʻ :0#+ -+ʻ H %++%2,*+0$$+ʻ :#%2$'20ʻ :#%2$'2%!!8ʻ *-'70#+%!ʻ :#' #ʻ $ ʻ >LQKFʻ HMFʻ ,0ʻ #'.,$ʻ 6ʻ $,0ʻ $%$0ʻ $ %:: #:#'%$0ʻ +$%$0ʻ 6*-5+ʻ $ ʻ %ʻ .0-0#%!ʻ +8+$0 4ʻ 6ʻ +2, !+ʻ H %#8!%-5ʻ >OPMF

,0ʻ 2, !+ʻ 6# 4ʻ '$,'-ʻ /ʻ 0ʻ $*#-ʻ - 1ʻ 6# 4ʻ $,0ʻ %54'-'+$#%$'-ʻ 6ʻ 2 ! -'%!ʻ 05*2%$'-ʻ $ʻ $,0ʻ +2, !+ʻ $,04 +0!70+ʻ -ʻ -.!%-5ʻ %$ʻ $,0ʻ $'40ʻ 6ʻ $,0ʻ 2 ! -'G%$'-ʻ $,#00ʻ 5'+$'-2$ʻ +2, !+ʻ 5'7'505ʻ 1,%$ʻ %#0ʻ -ʻ 1ʻ 2 -+'50#05ʻ $,0ʻ 6'0!5+ʻ 6ʻ 0!040-$%#8ʻ %-5ʻ +02 -5%#8ʻ 05*9 2%$' -Tʻ $,0ʻ :0$$8ʻ H5%40Fʻ +2, !ʻ $0%2,'-.ʻ +:0!!'-.ʻ%-5ʻ #0%5'-.ʻ %-5ʻ !0+ʻ 6$0-ʻ 1#'$'-.ʻ $,0ʻ .#%44%#ʻ +2, !ʻ 1,'2,ʻ $%*.,$ʻ %$'-ʻ %-5ʻ #003ʻ R .#%44%#S< %-5ʻ $,0ʻ 1#'$'-.ʻ +2, !ʻ '-ʻ 1,'2,ʻ $,0ʻ ; 8ʻ +$*5'05ʻ 1#'$'-.ʻ %-5ʻ Rʻ%#'$,9 40$'2ʻ # 40#2,%-$+⁒ %22 *-$+ Sʻ ,0ʻ 2*##'2*!%⁒ %+ʻ ,0#0ʻ .'70-ʻ 10#0ʻ - $'-7%#'%;!0ʻ ,0ʻ $8:0+ʻ , 1070#ʻ 10#0ʻ 6'E05ʻ #'-+!08ʻ 4<⁒ %*ʻ 2 49 :!%'-+ʻ $,%$ʻ $,0ʻ .#%44%#ʻ +2, !ʻ 1%+ʻ 6$0-ʻ Rʻ$# *;!05ʻ 1'$,ʻ $0%2,'-.ʻ ʻ ʻ Sʻ 1,'!0ʻ %; 8ʻ 2 *!5ʻ 50:0-5ʻ -ʻ $,0ʻ '-2'50-$%!ʻ 1#'$'-.ʻ 6ʻ $,0ʻ .#%44%#ʻ +2, !ʻ %-5ʻ -$ʻ %$$0-5ʻ $,0ʻ 1#'$'-.ʻ +2, !ʻ -ʻ +*2,ʻ 2%+0ʻ ,0ʻ 4'.,$ʻ #0%2,ʻ $,0ʻ *-'70#+'$8ʻ +2%#20!8ʻ%;!0ʻ $ʻ $0!!ʻ $,0ʻ -*4;0#+ʻ 6ʻ :%.0+ʻ # #0%5ʻ $,0ʻ 5%$0+ʻ 6ʻ 2,# -!.8ʻ ,0ʻ .#%44%#ʻ +2, !ʻ 1%+ʻ $,0ʻ '4:#$%-$ʻ +2, !ʻ ,0ʻ :0$$8ʻ +2, !ʻ 0'$,0# :#0:%#05ʻ 6 #'$'ʻ #.%70ʻ % 4 5'2*4ʻ 6ʻ $#%'-'-.ʻ $ʻ $,+0ʻ 1,ʻ 10#0ʻ - $ʻ $ʻ ;0ʻ !';0#%!!8ʻ 05*2%$05ʻ ,0ʻ 1#'$'-.ʻ +2, !ʻ $0-5'-.ʻ $ʻ ;0ʻ 2 440#2'%!ʻ '-ʻ '$+ʻ *$! 3ʻ 1%+ʻ :%#%!!0!ʻ $ʻ $,0ʻ .#%44%#ʻ +2, !ʻ -ʻ -5 -ʻ .#%44%#ʻ :*:'!+ʻ *+*%!!8ʻ 10-$ʻ Rʻ%$ʻ 0!070-ʻ %-5ʻ 6'70ʻ ⁒2! 23ʻ $ʻ $,0ʻ 1#'$'-.ʻ +2, !+Sʻ -ʻ $,0ʻ 2 *-$#8ʻ '$'-0#%-$ʻ 4%+$0#+ʻ $%*.,$ʻ 1#'$'-.ʻ '-ʻ $,0ʻ .#%44%#ʻ +2, !+

,0+0ʻ $6'#00ʻ +2, !+ʻ 10#0ʻ ;# *.,$ʻ $ʻ 40#'2%

;*$ 1'-.ʻ $ʻ $,0ʻ 0E'.0-2'0+ʻ 6ʻ %ʻ -01ʻ 2 *-$#8ʻ 10#0ʻ - $ʻ 6$0-ʻ 6 *-5ʻ 5'+$'-2$ʻ -$'!ʻ >LQKʻ 1,0#070#$,0ʻ :%# 2,'%!ʻ # $ 1-ʻ +2, !+ʻ 5'5ʻ - $ʻ :#07%'!ʻ $,0ʻ .#%44%#ʻ +2, !ʻ 1%+ʻ $,0ʻ :#'-2':%!ʻ 2 -20#-ʻ 605*2%$ #+ʻ%-5'+2, !ʻ !0.'+!%$' -ʻ ,0ʻ 1#'$'-.ʻ +2, !ʻ'+ʻ +00-ʻ'-ʻ$,0ʻ'50-$'2%!ʻ #0+ !*$' -+ʻ 6ʻ +$ -ʻ%-5ʻ #%'-$#00ʻ>O Nʻ%-5ʻ>O Jʻ#0+:029 $'70!8ʻ$ʻ0+$%;!'+,ʻRʻ -0ʻ # 4 #0ʻ #00ʻ 2, !+ʻ6 # $,0ʻ$0%2,'-.ʻ 6ʻ2,'!5#0-ʻ$ʻ 1#'$0ʻ%-5ʻ 8:,0# S

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570#$'+040-$ʻ 6ʻ%ʻ !,-'%!ʻ 2, !'6# 4ʻ $,0ʻ+ ! ?ʻ ʻ3 ; 6ʻ 704;0#ʻNNʻ>LQP

%2,ʻ$ 1-ʻ%!#0%58ʻ,%5ʻ% .#%44%#+2, !ʻ -ʻ 0%#!8ʻ#02 #5ʻ 6ʻ$,0ʻ5%40ʻ+2, !ʻ'+ʻ'-ʻ :#'-.6'0!5ʻ >0)N 1,0#0ʻRʻ 51'60ʻ '#'23ʻSʻ'+ʻR'$0%2,'-.ʻ 2,'!5#0-ʻ$ʻ #0%5ʻSʻ%$ʻRʻ$,#00ʻ :0-20ʻ%ʻ1003ʻ6 # 070#8ʻ2,'!5Sʻ 06 #0ʻ$,'+ʻ%$ 01;*#8ʻ'-ʻ>OQJʻ $,0ʻ :0$$8ʻ+2, !ʻ'+ʻ'4:!'05ʻ'-ʻ$,0ʻ#02 #5ʻ$,%$ʻ :*:'!+ʻ%$$0-5ʻ$,0ʻRʻ6#00ʻ+2, !ʻSʻRʻ+ʻ+ -ʻ%+ʻ $,08ʻ3-1ʻ$,0'# !0$$0#+ʻ%-5ʻ ;0.'-ʻ$ʻ #0%5Sʻ -ʻ # 3!'-0ʻ1,0#0ʻ'-ʻ>L>Kʻ$,0#0ʻ1%+ʻ -ʻ .#%49 4%#+2, !ʻ$,0ʻ$ 1-ʻ50$0#4'-0+ʻ -ʻ ; $,ʻ$,0ʻ $,0# $8:0+ʻRʻ%ʻ 5ʻ5%40ʻSʻH07'50-$!8ʻ$ʻ $0%2,ʻ#0%5'-.Fʻ%-5ʻ%Rʻ %+$0#ʻSʻRʻ$ʻ$0%2,ʻ$ʻ 1#'$0ʻ%-5ʻ 8:,0# Sʻ ,0ʻ+%40ʻ80%#'-ʻ ,%#!0+9 $ -ʻ ʻ'-ʻ%55'$'-ʻ$ʻ$,0ʻRʻ4%+$0#ʻSʻ6ʻ$,0ʻ R 6#00ʻ+2, !Sʻ% R 6'$:0#+ -Sʻ1%+ʻ$ʻ ;0ʻ%:9 : '-$05ʻRʻ$ʻ$0%2,'1#'$'-.ʻ%#'$,40$'2ʻ%-5ʻ40#9 2,%-$+⁒%22 *-$+Sʻ%2 4;'-%$' -ʻ 6'$8:0+ʻ1,'2,ʻ $,0ʻ %#8!%-5ʻ %2$+ʻ 2 -$0 4:!%$05ʻ -ʻ $,0ʻ .#0%$0# -*4;0# 6'2%+0+ʻ$,0#0ʻ'+ʻ+00-ʻ%$0-50-28ʻ $ʻ 2 4;'-0ʻ$1 ʻ # 4 #0ʻ 6ʻ$,0ʻ$8:0+ʻ+ʻ$,%$ʻ -0ʻ 4%+$0# 2 *!5ʻ 400$ʻ$,0ʻ 4 #0ʻ'-+'+$0-$ʻ 509 4%-5+ʻ -ʻ$,0ʻ$1 ʻ502%50+ʻ'-ʻ 01ʻ -.!%-5ʻ '4405'%$0!8ʻ6 !! 1'-.ʻ$,0ʻ >OMLʻ%2$ʻ$,0ʻ+2, !+ʻ 4 +$ʻ 6#0U*0-$!8ʻ6 *-5ʻ%#0ʻH>Fʻ$, +0ʻ$,%$ʻ$0%2,ʻ #0%5'-.ʻ%-5ʻ 1#'$'-.ʻ%-5ʻ HNFʻ%ʻ.#%44%#+2, !ʻ 1,'2,ʻ.%70ʻ'-+$#*2$ʻ -ʻ%!+ ʻ'-ʻ#0%5'-.ʻ 1#'$'-.ʻ %-5ʻ2':,0#'-.ʻ %$0#ʻ$,%-ʻ$,'+ʻ$,0ʻ0!040-$%#8ʻ +2, !ʻ$%30+ʻ*:'ʻ$,0ʻ2':,0#'-.ʻ%-5ʻ;02 40+ʻ$,0ʻ +2, !ʻ6ʻ$,0ʻ$,#00ʻ ⁒+ʻ%2*##'2*!*4ʻ1,'2,ʻ1%+ʻ 4 #0ʻ6#0U*0-$!8ʻ'-ʻ $,0ʻ *$2,ʻ H]*%30#'%-5ʻ 0#4%-ʻ+2, !+ʻ -ʻ$,0ʻ#0%5'-.ʻ+2, !ʻ$,0ʻ 6'#+$ʻ ; 3ʻ4'.,$ʻ;0ʻ% , #-; 3ʻH6D#Fʻ #U*'$0ʻ :# ;%;!8ʻ%:#'40#ʻ ,0#0ʻ10#0ʻ4%-8ʻ:#'40#+'ʻ 6ʻ1,'2,ʻ$,0ʻ 01ʻ -.!%-5ʻ1%+ʻ$,0ʻ4 +$ʻ 244 -ʻ ,0ʻ+02 -5ʻ!F 3ʻ1%+ʻ*+*%!!8ʻ$,0ʻ :+%!$0#'%-5ʻ$,0-ʻ2%40ʻ$,0ʻ 0+$%40-$ # ';!0ʻ ,0ʻ -01+:%:0#+ʻ#0.*!%#!8ʻ%570#$'+0ʻRʻ 0+$%9 40-$+ʻ +%!$0#+ʻ%-5ʻ$,0-ʻ2%40ʻ$,0ʻ 0+$%40-$ # ';!0ʻ 6 #ʻ 4 +$ʻ 6ʻ$,0ʻ2 ! -'%!ʻ :0#'5ʻ$,0ʻ 4%+$0#ʻ 244 -!8ʻ 5'2$%$05ʻ Rʻ#*!0+ʻSʻ %-5ʻ Rʻ+*4+ʻSʻ $,0+0ʻ6 #4'-.ʻ% ʻ%#'$,40$'2ʻ4%-8ʻ6ʻ1,'2,ʻ ,%70ʻ2 40ʻ5 1-ʻ$ʻ *+ʻ %$0#ʻ$0E$;3+ʻ +*2,ʻ%+ʻ '+,0⁒+ʻ 550#⁒+ʻ 230#⁒+ʻ%-5ʻ '!?ʻ 1 #$,⁒+ʻ10#0ʻ'-2#0%+'-.!8ʻ*+05ʻ -.!'+,ʻ.#%49 4%#ʻ,'+$ #8ʻ%-5ʻ.0 .#%:,8ʻ10#0ʻ - $ʻ $%*.,$

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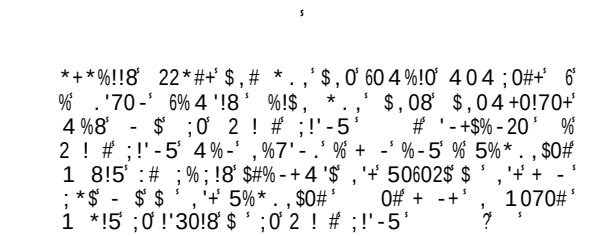
6'#+$ #*!0+ 6 %#'$, 4 0$'2 , %70 3 - 1 - ; 8+ $, %$ 2 *!5 5 + 4 0$, '-.' '-$, 0 6 *# 6'#+$ #*!0+ 6 #'$, 4 0$'2 '#!+ 10#0 -070# $%*.,$ '$ S , 0 1'60 6 (,- 5%4+ H; #-'>LMMF :# ;%;!8 +:0%3+ 6 % +'$*%$' - + 401,%$ %; 70 $, 0 %70#%.0 R 04%!0 05*2%$' - ''-$, 0 ;0+$ 6%49 '!'0+ 10-$ - 6*#$, 0# $,%- 1#'$'-.' %-5 %#'$,9 40$'2 '-' + 40 601 %-5 #%#0 '-+$%-20+ 4*+'2 %-5 5%-2'-. S *# #02 #5+ 6 # $, 0 $, 0# 2 ! -'0+ %#0 $ 601 $ % !! 1 0E$0-505 5'+9 2*++' - - $, 0 4%$$0# 6 %: :#0-$'20+,':' $, 0 -.!'+, 2*+$ 4 +004+ $, %70 :#07%'!05 - #:,%-+ 2 *#$ '- '#.'-'% H>OPMF +$': *!%$0+ '- $, 0 2%+0 6 % .'#! ; *-5 *$ $, %$ $, 0 4%+$0# '+ R $ $0%2, ,0# $ #0%5 +01 +:'- %-5 3-'$ S , 0 #5'-%#8-0'. ; #, 5#0%5'-.'+2, !+ +00 4 $, %70 ;00- :0-$.'#!+ , 0 +2, !+ 1, +0 2*##'2*!* 4 1%+ #0%5'-. 1#'$'-.' %-5 2':,0#'-. 40-$' -'.'#!+ %+ '6 2*+$ 4%#'!8 :#0+0-$ 6 1!%-5 (-0+ :*:'!+ H>LNQF R -0 .'#! 0E200505 %!!< +, 0 ,%5 ;8 , 0%#$,$06'0!5 :0-05 R 6 # $, 0 '#!+ 6 %7%--%, S 1,%$ %:0%#+ $, %70 ;00- %2,%#'$8 +2, ! +'50 6# 4 :#'7%$0 +2, !+ 2 -5*2$05 6 # .%'- $,'+ 1%+ -0 6 $, 0 6'#+$ '6 - $ $, 0 6'#+$ +2, ! 0E2!*+'70!8 6 # .'#!+ '-$, 0 2 ! -'0+ , 0 .#%4 4%# +2, ! 070#81, 0#0 0E2!*505 .'#!+

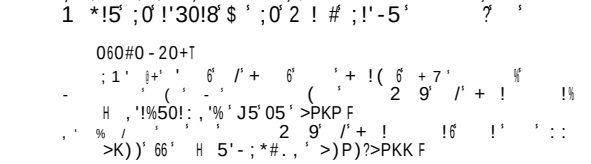
-$, 0 05*2%$' - 6 $, 0 10%!$, 8 .'#!+ 1, ! 305 6 #1%#5 $ + 2'%! !'60 4 +$ -*40# *+ '- '#.'-'% %-5 *$, % !'-% :# ;%;!8 $, 0 -.!'+, 2*+$ 4+ :#07%'!05 %!'30 $, # *., *$ $, 0 2 ! -'0+ *., (-0+ +%8+ H>LNMF 6 '#9 .'-'% R %+ $, $, 0 05*2%$' - 6 .'#!+ '$ '+ .#0%$ '$8 ;*$ $, %$. 5 5 %#5'-.' +2, !+ 10#0 0#02$05 6 # $, 04 %$ '!!'%4+;*#.' %-5 $, 0# $ 1-+ S $ $, 0 +%40 $'40 % .'#! 6# 4 $, 0 %#;%5 +!0%#-05'-' +$ -R $ +01 '6!0*#0 1#'$0 %-5 5%-20 S % : :%#0-$!8 , 1070# - $ %$ %; %#5'-.' +2, ! %$0#; %#5'-.' +2, !+ 10#0 :0-05 '- :#%2$'2%!!8 %!! $, 0 2 ! -'0+ # ;%;!8 '-' 4 +$ 2%+0+ $, 0 5%*., $0#+ 6 $, 0 10%!$, 8 10#0 $%*., $ %$, 40 , 0 $*$ # 6 # $, 0 ; 8+ 6 % 6%4 '!8 $%*., $ $, 0 .'#!+ #0%59 '-.' 1#'$'-.' %#'$, 40$'2 %-5 !'$0#%$*#0 H- 1 + 2%!!05F :02'%! 4%+$0#+ $%*., $ 4*+'2 %-5 5%-2'-. 22%+' -%! -.!'+, . 70#-0++ 1%+ ;# *., $ *$ 70-' 10%!$, 8 4 $, 0#+ 6$0-9 $'40+ $%*., $ $, 0'# 1-' 5%*., $0#+ , '!0 , %#!0+ $0+1 #$, ' '-23-08 %-5 , '+ ;# $, 0# , 4%+ 10#0 %$ E6 #5 %-5 0+$4'-+$0# $, 0'# +'+$0# 1%+ +$*58'-.' '-' , %#!0+$ -' *-50# $, 0'# 4 $, 0#< R ##' $$:%8+ , 0# 2 4 : I j < +, 0 '+ 4*2, 0-.%.05 &*+$ - 1 1'$, .0 .#%:, 8 %-5 4*+'23 S -'#%#0# '-+$%-20+ .'#!+ 10#0 +0-$ $ -.!%-5 6 # $, 0'# 05*2%$' - '!!'%4 8#5 6 '#.'-'% , %+ %;# %5 %$ -0 $'40 H>O)0 +U F -0 + -'%-5 $1 5%*., $0#+ A , 0 2! +0 6 $, 0 2 ! 9 -'%! :0#' 5 +, 1+ '.-+ 6 % -01 %$$'$*50 -' 6%2$ % -01 0#% 5%1-+ %$ #$+4 *$, ' '-' >LLJ 1, 0-$, 0 $ 1-'+*:: #$+ % R 04%!0 2, ! S 40 0'., $8 .'#!+ 6# 4 +070-' $ $10-$8 80%#+ 6 %.0 +$*58 #0%5'-.' 1#'$'-.' %#'$, 40$'2 %-5 .0 .#%:, 8 !#0%58 $, 0

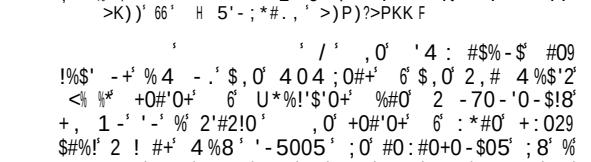
40#'2%-' -$0#0+$' -', 0 05*2%$' - 6 1 40-' +;0.'--'.' $ 4%30 '$+0!6 60!$

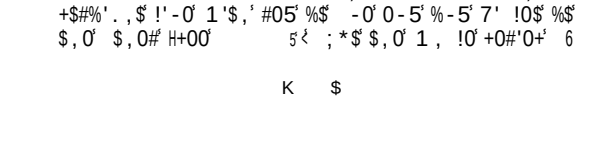
4 #0 50$%'!05 5'+2*++' - 6 %+:02$+ 6 $, '+ $:'2 +00 $, 0 %22 *-$ 6 05*2%$' - '-' 0%2, 6 $, 0 $, '#$00- #'.'-%! +$%$0+ %!+ %#$'2!0+ - '% *4 % 0 # * '%# 6 '% #4) % % ', ' *4 6 '%#4 8 # *'/ * #'4 (# - ' '%

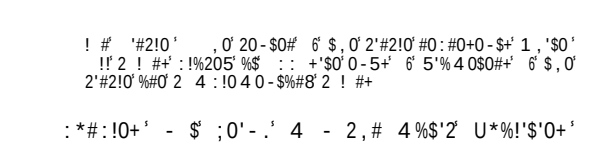
, 0 ! +0 6 $, 0 0#' 5 / 1%#5 $, 0 2! +0 6 $, 0 2 ! -'%! :0#' 5 $, 0#0 2 40+ %2, %-.0 6 %$$'$*50 '- 40#'2% , 0 #'.'-%! #0!'.' *+ + !'5%#'$'0+ 1, 0$, 0# 6 *#'$%-' 01 -.!%-5 # 6 $, 0 :'+2 :%! *$, $0-5 $;0 ;# 30-'*: #0+;8$0#'%-' 2 $2, %-5 #'+, 0-$0# '-' .#0%$ -*4;0#+ '-$ $, 0 '55!0 %-5 *$, 0#-' 2 ! -'0+ , 0 R .#0%$ %1%30-'-. S *-50# ,'$06'0!5 %-5 51%#5+ ;#'-.+%4 #0 504 2#%$'2 +:'#'$ '-$ 2, *#2, %66%'#+ 0+9 :02'%!!8 '- 01 -.!%-5 %-5 $, 0 4'55!0 #0.' - #0 70# $, 0 2 ! -'0+ %#0 - 1 !5 0-*., $, %70 $, 0'# 1-', '+$ #8 %-5 $#%5'9 $' - #%55 23+ 5060%$:'-$+ %4 #%!' # 4 '$ %!!' %#'+0+ %-' 40#'2%-' 2 -+2' *+-0++ *+$ 4+ %-5 '-+$'$*$' -+ $, %$:#07%'!' '-' *# :0 - '! -.0# 6 #$, %$ + !0 #0%+ -'+%$'+68 , 0 $'50 6 '-5'7'5*%!'+4 #'+'-.' $, # *., *$, #'+$0-5 4 6'-5+ '-' 40#'2%% 4 #0 :!%+$'2 +'$*%$' -'%-5'%22 #5'-.!8'%#0%5'0#%220:$%-20 , 0 +2, !+ #06!02$ $, 0 .0-0#%! +:'#'$ 6 $, 0 $'40+ - 01 -.!%-5 2 4:*!+ #8 4%'-$09 -%-20 6 +2, !+ / #'.'-%!!8 '4: +05 ;8 $, 0 2!0#'2%! !'.%#2, 8 / 6'-5+ .#0%$0# 5'66'2*!$8 6 0-6 #2040-$ %#' *+ 507'20+ %7 '5 $, 0 '-2#0%+'-.' :0-%!$'0+ , 0 +-.!0 $ 1-+, ':' +2, !$%*., $;8$, 0 4%+$0# .'70+ 1%8 0'$, 0# $ $, 0 R 4 7'-.' +2, !S &<% %* # $ +070#%! -0'., ; #, 5 +2, !+ $%*., $;8 5%40+ &<% %* , '+ 4%#3+ $, 0 %:: # %2, 6 $, 0 5'+$#'2$ +8+$04 &<% %*6 %:$!8 #%$05 %+ R $, 0 ! 1 1%$0# 4%#3 6 01 -.!%-5 05*2%$' - S , 0 #0%5'-.' %-5 1#'$'-.' +2, !+ -1 ;02 40 -0 $ 400$ $, 0 .0-0#%! 504%-5 6 $, 0 :0 :!0 %-5 #0%2, *$ $ 1%#5 $, 0 :#0+0-$ 6'#+$:!%20 6 $, 0 0!040-$%#8 +2, ! '- 40#'2%-' 05*2%$' - , 0 H %$'-F .#%4 4%# +2, ! *-+%$'+6%2$ #8 6 #'$+ -%## 1-0++ %!'30 6 2*##'2*!*4 %-5 :%$# -%.0 ;0.'-+$.'70 1%8 $ $, 0 4 #0 504 2#%$'2 %2%5048 &<% %*% #%-3!'-+ %2%5048 +2, 040 6 >LMJ .'70+ ;0+$ 6 #4*!%$' - $ $, 0 4 +$ %57%-205 :'-' - 6 $, 0 $'40 %-5 '+ '-5005 +$'!! %, 0%5 070- 6 40#'2%-' :# .#0++'70-0++ - ', ., 0# 05*2%9 $' - $, 0 +%40 +:'#'$ 6 '- - 7%$' -'+ +00-' '-$, 0 6 *-5'-.' '- >LQM 6 '- .+ !!0.0 - 1 9 !*4;'% -'70#+'$8 &<% %*6 %-5 $, 0 -0E$ 80%# 6 $, 0 !!0.0 6 , '!%50!:, '% - 1 -'70#9 +'$8 6 0--+8!7%-'% &<% %*% $, 4%-'60+05 % +84:%$, 8 6 # '4405'%$0!8 :#%2$'2%!' +$*5'0+ $, '$, 0#$ *-3-1-%4 -.' 2 !!0.0+ , 0'# %570#$'+05 +2, 040+ 10#0 7'+' -%#8 '-' $, 0'# 2 4 :#0, 0-+'70-0++< %-5 $, 0 %2$*%!' :#%2$'20 5'660#05 !'$$!0 6# 4 $, 0 2*+$ 4%#8< ;*$ $, 0 2, %-.0 6 %$$'$*50 1%+ *-4'+$%3%;!0 , 0#0 1%+07'50-$'-$0-$ $ 4%30 2 -+2' *+ 5%:$%?

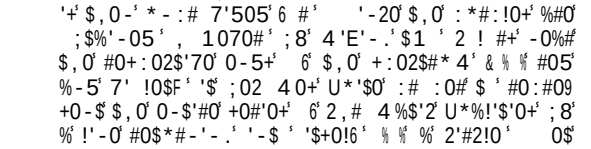


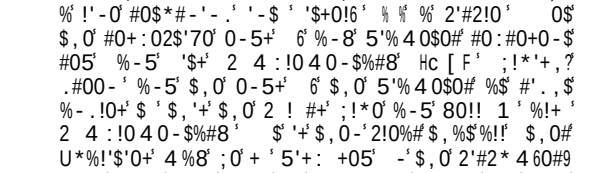


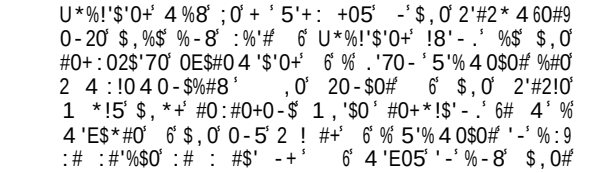


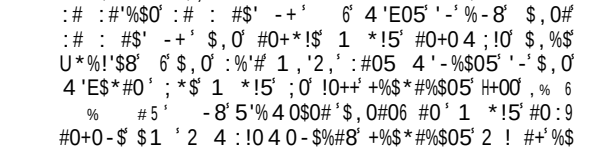


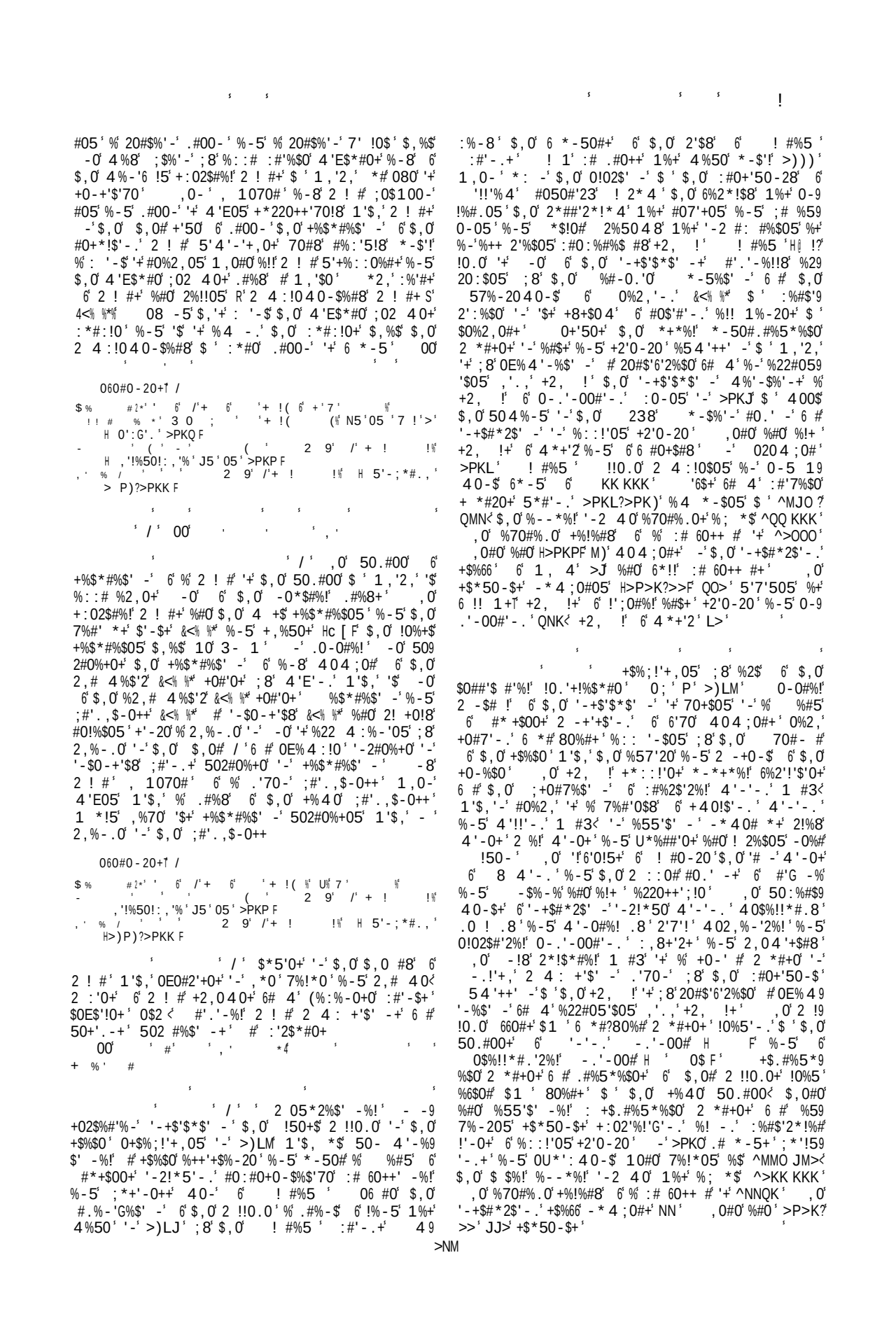












' ') '
) ' ' ' ' / ' +9
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>)LP' \' *#+0+' %#0' .'70-' '-' %.#'2*!$*#0' 2'7'!'
%-5' '##'.%$' -' 0-.'-00#'-.' 5 40+$'2' +2'0-20' , #$'9
2*!$*#0'6 #0+$#8'70$0#'-%#8'+2'0-20'%-5'.0-0#%!'
+2'0-20' 6 #' 1 40-' -' %55'$' -' 2 *#+0+' '-'
4*+'2' #%$ #8'%-5':,8+'2%!' 2*!$*#0' %#0' 4%'-9
$%'-05' $*50-$+' %#0' %54'$$05' 0'$,0#*:-'
20#$'6'2%$0+' 6# 4' %22#05'$05',',+2, !+' #;8'
0E%4'-%$' -'6 #1,'2,'$,0' #0U*'#040-$+' %#0'
>Q*-'$+' 0.#00+' %#0' 2 -60##05' -'$,0' 2 49
:!0$' -' 6'6 *#?80%#2 *#+0+' ,0' 2 !!0.0' 2 -9
5*2$+' 6%#40#+' '-+$'$*$0+' %-5' +, #$ 2 *#+0+'
6 # 6%#40#+' %-5' 2 :0#%$0+' 1'$,'$0%2,0#+' %-5'
+*:0#'-$0-50-$+' 6'+2, !+' -'$,0' 4 70 40-$'$'
'-$# 5*20' %.#'2*!$*#%!' %-5' 5 40+$'2' +2'0-20'
'-$'$,0' :*;!'2' +2, !+' ,0#0' %#0' J>' :# 60+9
+ #+'%-5' MK' '-+$#*2$ #+' %-5' %++'+$%-$+

' ' ' / ' #.%-'G05';8'
-.#0+'+' %+' %' $0##'$ #8''-'>)O>'6# 4':%#$+' 6'
%-+%+' 0;#%+3%' 01' 0E'2'%-5' $%,'%-5'
%54'$$05' $'$,0' -' -' '-'>)LO'%+' $,0' $,'#$8?
0'.,$,'+$%$0' $';0! -.+'$'$,0' 0+$0#-' '7'+' -'
6'+$%$0+'%-5',%+'%!%-5'%#0%' 6'>KJ OMQ'+U*%#0'
4'!0+' # %54'-'+$#%$'70' :*#: +0+' $,0' +$%$0'
'+' 5'7'505' '-$' QP' 2 *-$'0+' %-5' $,0+0' %#0' 5'9
7'505'' '-' $*#-'' '-$' +2, !' 5'+$#'2$+' 2'$'0+' %-5'
$ 1-+' -'>P>K' ! #%5',%5' : :*!%$' -' 6'L L':0#
:0#+U*%#0' 4'!0
!#1(&/,+(' /%&,$ ' / ' ! #%5' 1%+' :#%29
$'2%!!8'%-' *-3- 1-'2 *-$#8':#07' *+' $' >)QP'
,0'6'#+$+0$$!0#+' 10#0' !%#.0!8'40-'%-5'%$#%-9
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'-' 2$;0#'>)QP'1'$,'>J'2,'!5#0-'-'%$$0-5%-20'
,0'6'#+$ +2, !, *+0' 1%+' ;*'!$' '-' >)OK' %$
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#.%-'G05'%+' %' $0##'$ #8';8' -.#0++'%-5'$,0'
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6 #' $,0' %:' '-$40-$' 6'% 0##'$ #'%!' *:0#'-9
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+%!%#8' 6'^'QKK'%-5'6 #%+2, !'+8+$04' 4 50!05'
-' $,%$' $,0-' 0E'+$'-.'-' !!'-'+' -!8'%70#8'
'4:0#602$' 6 #4' 6' #.%-'G%$' -' 1%+' 066O2$05'
5*#'-.' $,0' -0E$' $0-' 80%#+' 2, !'6*-5+' 10#0'
6$0-' 4'+%:# :#'%$05'%-5' $,0' 601+2, !+' '-'
0E'+$0-20' 10#0' !%#.0!8'-0.!02$05' -' >)OQ' $,0'
66'20' 6' *:0#'-$0-50-$' 6' 44 -' 2, !+' 1%+'
%; !'+,05' %-5' $,0' 0##'$ #'%!' #0%+*#0# 1%+'
4%50' $' // (' *:0#'-$0-50-$' -' >)LK' $,0'
+2, !'!%1'1%+' #07'+05'%-5' $,0' *$!'-0+' 6' $,0'
:#0+0-$' +8+$04' !%'5' 5 1-' ,0' 66'20' 6'
*:0#'-$0-50-$' 6' *;!'2' -+$#*2$' -' 1%+' #09
2#0%$05' $,0' %:' '-$40-$' $';0' 4%50' ;8' $,0'
70#- #<' +2, !' ; %#5+' 10#0'.'70-'4 #0'506'9
-'$0'%*$, #'$8''-'$,0'2 -$# !'%-5'4%-%.040-$'
6'$,0'+2, !+<' :# 7'+' -'1%+' 4%50'6 #' #.%-'G9
'-.'-01'5'+$#'2$+<' %-5'$,0'+2, !' #070-*0+' 10#0'
'-2#0%+05' -' >)LK' %' +$%$0' %.#'2*!$*#%!' 2 !9
!0.0' 4<% %* %-5' %' +$%$0' +2, !' 6' 4'-0+' 4<% %*
10#0' - 4'-%!!8'0+$%;!'+,05'$, *.','$,0'%.#'2*!9
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4'-0+' 5'5' - $' #020'70' %-8':0#4%-0-$'+*:: #$'
-$'!' >)LP' -' >)L>' $,0'+'$0' 1%+' :# 2#05'6 #
$,0'+$%$0'*-'70#+'$8'4<% %*6 1,'2,',%5'-4'-%!!8'
;00-' 0+$%;!'+,05' $0-' 80%#+' 0%#!'0#<' '-' >)LM'
$,0'6'#+$ %:# :#'%$' -'6 #;*'!5'-.+' +09
2*#05<' %-5''-'>)LL'$,0'6'#+$ %:# :#'%$' -'6 #
4%'-$0-%-20' 1%+' +02*#05'%-5'$,0''-+$'$*$' -'
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0%2,0#+ ++ 2'%$' -' 1%+'6 #405'6 #',0'6'#+$
$'40
,0' 2 -+$'$*$' -' 6' >)LO'%5 :$05'%$' $,0'
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-' -' 4%50' 70#8' 506'-'$0' :# 7'+' -'6 #' %
+$%$0' +2, !' +8+$04' ,0' .0-0#%!' +*:0#7'+' -'
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$'%-' ' // (' $%$0' %#5' 6' 5*2%$' -'
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1,' 1%+' %!+' '$' ;0' ' // (' 44'++' -0#' 6'
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+2, !+'%-5'$,0'$0%2,'-.' 6'+02$%#'%-'$0-0$+' 10#0'
6 #;'550-<' %-'0'# // ('8 ' 6' %-5' 44'+9
+' -0#+'1%+'2#0%$05' $'2%#0'6 #' $,0' :*;!'2' +2, !'
!%-5+<'2 4:*!+ #8'05*2%$' -'6 #'%!'%;!0'2,'!5#0-'
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$' $,#00' 80%#+S<' % %#5' 6' 0.0-$+' 6 #' $,0'
+$%$0' *-'70#+'$8'%-5' ; %#5+' 6' 05*2%$' -'6 #'
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:#0+2#'!:$' -' 6'$0E$; 3+'6 #' $,0' :*;!'2' +2, !+'
;8' $,0' !0.'+!%$*#0' #' ;8' $,0' $%$0' %#5'
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$#'2$+

$"%"+&' 1',,' %&" .'/' ,0' +2, !' +8+9
$04' 6' ! #%5' %+' %$' :#0+0-$' #.%-'G05''+'
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6' 5*2%$' -' %' $%$0' %#5' 6' E%4'-0#+'
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0!02$05';8' $,0' :0 :!0'6 #' %' $0#4' 6' $1' 80%#+'
%-5' #020'70+' %' +%!%#8' 6' ^JKKK' 0' #+,0

1 , 0 - $, 0 +$%$0+ 10#0 - $ + , %#5 :#0++05 6 # 4 -08 6 # 05*2%$' - , 0 +$% $0 , %+ ;00 - %;!0 - 6 # $:# 6'$;8 $, 0 *-6 #$*-%$0 0E:0#'0-20 6 4%-8 $, 0# +$%$0+ , 0 0-%;!'-.%2$ 6 # $, 0 %54'++' - 6 ! #%5 '$, 0 -' -0+$%;!'+ , 05 % 4'-'4*4 +%!0 :#'20 6 ^N QK :0# %2#0 %-5 $, '+ 1%+ #%'+05 , 8 !%1 $ ^J QK '- >))L *$!'$$!0 6 $, 0 !%-5 , %+ ;00 - + !5 50+:'$0 % +$# -.!8 %57 2%$05 0%#!8 : !'28 6 +0!!'-.$, 0 !%-5+ %+ + - %+ : ++';!0 , 0 : !'28 , %+ ;00 - $!0%+0 $, 0 !%-5 '-+$0%5 :$ >PK); *$ >)L MKN %2#0+ , %5 ;00 -'+ !5 1 , '!0 J JLM >0P %2#0+ #04%'-05 %; *$ -0 $, '#5 6 1 , '2 , 1%+ *-50# !0%+0 , 0 $ $%!' :0#4%-0-$ +2, ! 6*-5 6 ! #%5 2 -+'+$+ 6 ^> 0K>PKL '- '-70+$05 2%+, - %55'$' - , 0 +$%$0 10+ $, 0 2 4 4 -+2, ! 6*-5 ^> NNQ PLQ 6 # +2, ! 4 -08 '-70+$05 70# $10-$8 80%#+ %. '- '-$0#0+$?;0%#'-.+$%$0 1%##%-$+ 1 , '2 , $, 0 +$%$0 , %+ +'-20 #0:*5'%$05 %-5 + 6%# #06*+05 $:%8 $, *. , $, 0 2 -+$'$*$ - 4%30+ '$ 4%-9 5%$ #8 -$, 0 +$%$0 $ #0:!%20 ! ++0+$ $, 0 6*-5 , 0 #04%'-.!%-5+ %#0 0+$'4%$05 $;0 1 #$, -%-%70#%.0 >K %-%2#0 , 0 -$0#0+$ -$, 0 -70+$05 2%+, $ .0$,0# 1'$, $, 0 #0-$ 6 +2, ! !%-5+ .'70+%-'-2 40 6 %; *$%U*%#$0# 6 % 4'!!' -5 !!%#+%-5$, '+ '+5'+$#';*$05 $, 0 2 *-$'0+ -$, 0 ;%+'+ 6 $, 0 -*4;0# 6 2 , !5#0-';0$100-$, 0 %.0+ 6 $, 0 %2#0 , 0 '-$0#0+$ -$, 0 -70+$05 2%+, $ .0$,0# 1'$, $, 0 #0-$ 6 +2, ! !%-5+ .'70+%-'-2 40 6 %; *$%U*%#$0# 6 % 4'!!' -5 !!%#+%-5$, '+ '+5'+$#';*$05 $, 0 2 *-$'0+ -$, 0 ;%+'+ 6 $, 0 -*4;0# 6 2 , !5#0-' 6 +2, ! 20-+*+%.0 %2 , 5'+$#'2$ 4*+$!078 %+:02'%! 5'+$#'2$ $%E 6 # $, 0 80%#!8 4%'-$0-%-20 6 $, 0 +2, ! :# :0#$8%-5$, 0 4'+20!!%-0 *+ 0E:0-+0+ 6 $, 0 5'+$#'2$ %-5$, 0 4%8 !078 %55'$' -%! 6*-5+ $:# 7'50 ;0$$0# +2, ! 6%2!'$'0+ # %! -.0# $0# 4 '#02$ #+ '-$, '#5?2!%++ 5'+$#'2$+ %#0 !'4'$05 $ >Q 4'!!+ ;*$;8 %7 $0 6 $, 0 0!029 $ #+ 6 $, 0 5'+$#'2$ $, '+ %4 *-$ 4%8 ;0 0E9 200505 *'!5'-.+ 4*+$;0 :# 7'505 ;8 $, 0 5'+$#'2$

, 0 $ $%!%4 *-$0E:0-505 6 # +2, !+5*#'-. $, 0 !%+$ 80%# 6 # 1 , '2 , #0: #$+ %#0 %7%'!%;!0 1%+ "M QQK O)O %+05 -$, 0 $ $%!' :*9 !%$' - 6 $, 0 +$%$0 , $, '+ 1%+ 0U*%!' $ %:0# 2%:'$% 0E:0-5'$*#0 6 ^L >K %80%# %+ %.%'-+$ ^M NL 6 # $, 0 %+ %1 , !0 %-5 ^L MP 6 # $, 0 0+$0#-' '7'+' - , 0 %70#%.0 5%'!8 0E9 :0-5'$*#0 :0# :*:'!' 1%+ NO J 20-$+ %-5 , 0 $ $%! 80%#!8 0E:0-5'$*#0 :0# :*:'!' -%70#%.0 5%'!8 %$9 $0-5%-20 1%+ ^MJ OM %+ %.%'-+$ >P) 20-$+ % 5%8 %-5 ^JK QQ %80%$ 6 # $, 0 %+ %1 , !0 -!8 0'., $ +$%$0+ :0-5 4 #0 6 # 0'$, 0# '$04 -%4 *-$ #%'+05 :0# 2, '!5 Q?>) 80%#+ 6 %.0 H^NP JKF $, 0 +$%$0 +$%-5+ 6'6$, , 0 $ $%! %4 *-$ 6 4 -08 #%'+05 :0# %5*!$ 4%!0 1%+ ^N> K) $, 0 +$%$0 +$%-5'-.+070-$, ''-$, '+ '$04 %-5 $, 0 %4 *-$;0'-.-0%#!8 $1'20 $, 0 %70#%.0 6 #$, 0 H^>Q LPF , 0 10%!$, 6 $, 0 +$%$0 '+ 07'50-$ '-$, %$ 0%2, %5*!$ 4%!0 4*+$ 2 -$#';9 *$0 -!8 LN 20-$+ $:# 7'50 ^> 6 # 0%2, 2, '!5 Q?>) 80%#+ 6 %.0' '-$, 0 +$%$0 %+ %.%'-+$)N 20-$+ 6 # $, 0 #$, $!%-$'2 '7'+' - %-5 ^> KN 6 # $, 0 %+ % 1 , !0 , 0+0 6'.*#0+ 2 4;'-05 1'$, $, +0 6 # %$$0-5%-20 %-5 $0# 4 +, 1 ; $, $, 0 !%#.0 #0!%$'70 10%!$, %-5 $, 0 70#8 !%#.0 0E:0-5'$*#0+ 1 , '2, $, 0 +$%$0 4%30+ 6 # 05*2%$' -

0(% / 6 $, 0 :*9 !%$' - 6 >PKK)J >:0# 20-$ 10#0 -%$'70 ;#-< P):0# 20-$ 10#0 1 , '$0< ;8 +0E QM L:0# 20-$ 10#0 4%!0+< %-5 NN Q :0# 20-$ 10#0 2, '!5#0-;0$100-$, 0 %.0+ 6 Q %-5 >)80%#+ , 0 +$%$0 '+ 4 *-$%'- *+ %-5 '+ 0++0-$'%!!8 % 4'-'-.+$%$0 %#.0 %#0%+ %#0 :#%2$'2%!!8 *-'-,%;'$05 6 $, 0 $ $%! : :*!%$' - JK :0# 20-$!'70 '-2'$'0+ 6 70# NQ KKK '-,%;'$%-$+ %-5 Q> L:0# 20-$!'70 '-# *#%! 5'+$#'2$+ 6 $, 0 +2, ! : :*!%$' - Q?>) 80%#+ 6 %.0' '- >PKL?>PK) >K> NQ :0# 20-$ 10#0 #0: #$05 %+ 0-# !!05 '- $, 0 :*;!'2 +2, !+ %+ %.%'-+$)) >P :0# 20-$ '- >)PP?>PKK LN NK :0# 20-$ '- >))P?>)PK OK)N :0# 20-$ '- >)LP?>))K %-5 MN N):0# 20-$ '- >)LK?>)L> , 0 %70#%.0 6 # $, 0 % 1 , !0 1%+ OP JN :0# 20-$ 6 $, 0 -*4;0# 0-# !!05 OQ KO :0# 20-$ 10#0 '-%70#%.0 5%'!8 %$$0-5%-20 1 , '2, 0U*%!05 %-%70#%.0 5%'!8 %$$0-5%-20 6 >KP Q 5%8+ :0# 80%# 6 # 0%2, '2, '!5 '-$, 0 +$%$0 Q?>) 80%#+ 6 %.0 %-5 >KP Q 6 # 0%2, 2, '!5 0-# !!05 , 0 %70#%.0 !0-.$, 6 $0# 4 :# 7'505 '- ! #%5 1%+ >OO N 5%8+ %+ %.%'-+$ >QM > 5%8+ 6 # $, 0 -'$05 $%$0+ %+ % 1 , !0 %-5 >OJ J 5%8+ 6 # $, 0 0+$0#-' '7'+' -

! #%5 , %+ %#0%+ -%;!8 . 5 2 4:*!+ #8 05*2%$' -!%1 1 , '2, 6# 4 $, 0 +$%$'+$'2+ 6 %$$0-5%-20 1 *!5 +004 $;0 10!! 0-6 #205 !! 2, '!5#0-*-50# >M %-5 *-50# >O 6 $, 08 2%-- $ #0%5 %-5 1#'$0 4*+$. $, +2, ! %$!0%+$, %!6 6 0%2, 5%8 6 - $04:! 805 *-!0++ 0E2*+05 6# 4 %$$0-5%-20 6 # 2%*+0 !! ; %#5+ 6 +2, ! 5'#02$ #+ '-5'+$#'2$+ , %7'-.JQK 20-+*+2, '!5#0- # 70# %#0 #0U*'#05 $ %:'-$ $#*%-$ 66'20#+ $ 0-6 #20 $, 0 !%1< %!! 2'$'0+ , %7'-.% $ $%! :*!%$' - 6 >KK KKK # 70# H 0-70#F 4*+$:# 7'50 %$#*%-$ +2, !< %-5 2'$'0+ 6 NQ KKK # 70# 4%8 5 + 6 %2, '!5 6 %.0 4*+$ 1 #3 $ +*:'#$ '$+0!6 # $ +*:'#$ %50:0-50-$:0#+ - # '6$, 0 :%#0-$+ %#0 $: # $:# 7'50 $, 0 -020++%#8 +, 0+ 2! $, '-. # ; 3+ '$ '+ $, 0-$, 0 5*$8 6 $, 0 : # #0!'06 %*$, #'$'0+ $ 0E$0-5 +*2, #0!'06 %+ 1'!! 0-%;!0 $, 0 2, '!5 $ %$$0-5 +2, ! 2, '!5 *-50# >M 2%-; 0 04:! 805 $!%; # '-%-8 ;*+'-0++ 1 , %$070# 5*#'-.+2, ! , *#+ *-!0++ $, 0 2, '!5 , %+ %$$0-505 +2, ! %$!0%+$ >N 1003+ '- 0%2, 80%#) 1003+ 6 1 , '2, 4*+$, %70 ;00-2 -+02*$'70 %-5 , 0 4*+$: ++0++ % 20#9 $'6'2%$0 $, %$ 0606 02$ +'.-05 ;8 $, 0 $0%2, 0# 2, ! 5'#02$ #+ %#0 2, %#.05 1'$, $, 0 5*$8 6 0-6 #2'-.$, 0 !%1 ! #%5 +$%-5+ 10!!

$ 1%#5 $,0 $: 6 $,0 2 !*4 - '- !'$0#%28 $,0 +$%$0 ,%7'-. ;*$ MN :0# 20-$ 6 '!!'$0#%$0+ '-$,0 $ $%! : :*!%$' - >K80%#+ 6 %.0 # 70# 1,'!0 $,0 ! 10+$:0#20-$%.0 6 *-5 '-%-8 +$%$0 1%+ NJ :0# 20-$!4 +$%!! 6 $,0 ! #%5 '!!'$0#%28 '+ 6 *-5 %4 -. $,0 6 #0'.- ; #- 4 +$ 6 1, 4 %#0 4'-0#+
- 4%$0#'%! 2 -5'$' -+ $,0 +2, !+ ,%70 4%50 #04%#3%;!0 :# .#0+ 1'$,'- #020-$ 80%#+ %-5 4 +$ 6 $,04 %#0 - 1 #0!%$'7=0!8 10!! 0U*':05 0+:'$0 $,0 6%2$ $,%$ MK :0# 20-$ 6$,0 $0%2,0#+ 6 $,0 +$%$0'%#0 $0%2,'-.''-#*#%! +2, !5'+$#'2$+ %-5 $,%$ %; *$ >Q :0# 20-$ 6$,0 +2, !;*'!5'-.+ +$'!! '- *+0 %#0 ;*'!$ 6 + 5 %5 ;0 # ! .+ $,0 %70#%.0 7%!*0 6 %!! 6$,0 +2, !;*'!5'-.+ 6 $,0 +$%$0 1%+ ^QN>O %$ $,0 !%+$ #0: #$ %-5 $,0 0E:0-+0 6 # -01 ;*'!5'-.+ '+ '-2#0%+'-.'#%:'5!8 6 %!! +2, ! 4 -08 #%'+05 >PM :0# 20-$ 1%+ 0E:0-505 6 # +'$0+ %-5 ;*'!5'-.+ '- >PKL?>PK) %-5 >> O :0# 20-$ '- >PK)?>PKP
,0 ; %#5 6 5'#02$ #+ 6 %-8 +2, ! 5'+9 $#'2$ %#0 :0#4'$$05 $!078 % +:02'%! +2, ! !';#%#8 $%E - $ $ 0E2005 -0 $0-$, 6 % 4'!! $,0 :# 2005+ 6 1,'2,'%#0 $;0 *+05 '-;*'!5 9 '-.*:% .2, ! 5'+$#'2$!;#%#8 -8 ; %#5 6 +2, ! 5'#02$ #+ 4%8 0+$%;!'+, % 3'-50#.%#$0- %-5 :%8 $,0 0E:0-+0 6 $,0 +%40 ;8 % +:02'%! $%E 'E 2'$'0+ :# 7'50 1 #3'-4%-*%! $#%'-9 '-.''-$,#00 2%+0+ 0E$0-5'-.$,0 1 #3 $,# *.,$,0 ,'.,+2, ! 40 1 #3'-4%-*%! $#%'-'-.'+ %!+ 660#05 '-%601 6 $,0 +4%!!0# $ 1-+ (/ ,0 +$%$0 049 :! 805 QNP> $0%2,0#+ '- >PKL?>PK) 6 1,'2,')Q J:0# 20-$ 10#0 1 40- 6$,0 $ $%! -*4;0# %; *$ OM :0# 20-$ 10#0 04:! 805 %+ $0%2,0#+ '-.#%505 H$ 1-%-5 2'$8F +2, !+ %$ %-%70#9 %.0 4 -$,!8 +%!%#8 6 ^PN PQ 6 # 40-%-5 ^OQ JQ 6 # 1 40-%-5 6 # %-%70#%.0 80%#!8 $0#4 6 >LO N 5%8+ ,0 %70#%.0 4 -$,!8 +%!%#8 6 # $0%2,0#+ '-#*#%! +2, !+ 1%+ ^QO)K 6 # 40-%-5 ^Q> QL 6 # 1 40-%-5 6 # %-%70#9 %.0 80%#!8 $0#4 6 >JO J 5%8+ ,#00 .#%50+ 6 20#$'6'2%$0+ %#0 '++*05 -0E%4'-%$' -+ ,0!5 U*%#$0#!8 ;8 $,0 2 *-$8 +*:0#'-$0-50-$+ -U*0+$' -+ :#0:%#05 ;8 $,0 *:0#'-$0-50-$ 6 *;!'2 -+$#*2$' - ,0 0E%4'-%$' -0 49 ;#%20+%!! 6 $,0 2 44 -+2, !+$*5'0+ $,0 #8 %-5 :#%2$'20 6 $0%2,'-. %-5 $,0 +2, !%1 6 ! #%5 0%2,0#+ 6 :#07'*+ $0%2,'-. 0E:0#'0-20 1, :%++ 1'$,'%,'.,'%70#%.0 %#0 .#%-$05 %6'#+$?.#%50 20#$'6'2%$0 7%!'5 6 # $,#00 80%#+ #0-01%;!0 %-5 1'$,'-$0#2 *-$8 #02 .9 -'$' - $,0#+ 1, :%++ 1'$, ,'.,'.#%50 #020'70 %+02 -5?.#%50 20#$'6'2%$0 7%!'5 -!8 '-$,02 *-$8 1,0#0 '++*05 %-5 6 #>) 4 -$,+ $,'#5?.#%50 20#$'6'2%$0 7%!'5 6 # P 4 -$,+ '+ %!+ '++*05 , +0 1, 0E:02$' $0%2,'-,'.,' +2, !+ 4*+$ %!+ :%++ %-0E%4'-%$' -''-$,0 ,'.,+2, ! +*;&02$+ 1,'2,' $,08 :# :+0 $ $0%2,'%-5 $,'+ 7'#$*%!!8 2 -+$'$*$0+ %6 *#$, .#%50 6 $0%2,0#+ 20#$'6'2%$0 #%5*%$0+ 6 $,0 - #4%!+2, ! 6 ! #%5 %! -0 %#0 0E04:$ 6# 4 $,0 0E%4'-%$' -+ $%$0 20#$'6'2%$0+ 7%!'5 %-81,0#0 '- $,0 +$%$0 %#0 .#%-$05 ;8 $,0 $%$0 %#5 6 5*2%9 $' - -$,0 #02 440-5%$' - 6 $,0 $%$0 %#5 6 E%4'-0#+ $ < H>F , +0 1, ,%70 0+$%;!'+,05 $,0'# 04'-0-$:# 60++' -%! %;'!'$8 ;8 $0%2,'-.'%$!0%+$ $1 80%#+ '-$,0 +$%$0 1, , !5 % 6'#+$?.#%50 20#$'6'2%$0 %-5 1, :%++ %-55'$' -%! +$%$0 0E%4'-%$' - HNF 1'$, *$ 0E%4'-%$' - $ $, +0 1, ,%70 $%*.,$ +'E 80%#+ %-5 ,%70 #0-50#05 04'-0-$:# 60++' -%! +0#7'20+ $ $,0 +2, !+ 6 $,0 +$%$0 '60 5'9 :! 4%+ %-5 +$%$0 20#$'6'2%$0+ 6# 4 $,0# +$%$0+ %#0 - $ #02 .-'G05 +$%$'+$'2+ %#0 %7%'!%;!0 $ +, 1 1,%$:0#20-$%.0 6 $,0 $0%2,0#+ 6 $,0 +$%$0 ,0!5 $,0+0 5'660#0-$.#%50+ 6 20#9 $'6'2%$0+ $#%'-$0%2,0#+ 6 # $,0 +2, !+ $,0 +$%$0 4%'-$%'-+ $,0 ! #%5 $%$0 #4%! 2, !%$ #00!08 1,'2,'+ % !%#.0 %-5 %10!!7 0U*':05 '-+$'$*$' - ,%$:0#20-$%.0 6 $,0 $0%2,0#+ 6 ! #%5 ,%70 ,%5 - #4%!$#%'-9 '-.2%-- $;0 $!5 ;*$ + 40$,'-.'+ '-5'2%$05 ;8 $,0 6%2$ $,%$ 5*#'-.$,0 6'#+$ 6'6$00-' 80%#+ 6 '$+ 0E'+$0-20 $,0 +$%$0 - #4%! +2, !.#%59 *%$05 -!8 POQ +$*50-$+ $,*.,'-%>PK) '$.#%5*%$05 >)K -0 :#'7%$0 - #4%! +2, ! 1'$,'LL +$*50-$+ '+ !'+$05 6 # $,0 +$%$0 +% 40%-+ 6 $#%'-'-.$0%2,0#+ '-+0#7'20 $,0 +$%$0 4%30+ :# 7'+' -6 # $,0 4%'-$0-%-20 6 % - #9 4%! '-+$'$*$0 6 # %$!0%+$ $1 1003+ '-0%2,6 $,0 >J '-+$'$*$0 5'+$#'2$+ '-$ 1,'2,' $,0 +$%$0 '+ 5'7'505 ,0 +$%$0 2 -$# !+ $,0+0 - #4%! '-+$'$*$0+ ;*$ 4%30+ $,0 $0%2,0#+ %-5 $,0 2 *-$'0+ :%8 6 # $,04 ,0 $%$0 *:0#'-9 $0-50-$ $,0 :#0+'50-$ 6 $,0 +$%$0 - #4%! +2, !%-5 % 2 44 '$$00 6 2 *-$8 +*:0#'-9 $0-50-$+ 6 0%2,5'+$#'2$ 50$0#4'-0 $,0 $'40 %-5 $,0 :!%20 6 $,0 '-+$'$*$0 %-5 +0!02$ $,0 2 -5*2$ # 6 # $,0 '-+$'$*$0 !! 2 -5*2$ #+ 404;0#+ 6 $,0 +$%$0 - #4%! +2, ! 6%2*!$8 0E20:$05 4*+$,!5 20#$'6'2%$0+ 6 U*%!'6'2%9 $' -'++*05 ;8 $,0 $%$0 %#5 6 E%4'-0#+ +$%$0 '-+$'$*$0 2 *#+0 6 +$*58 ,%+ ;00- %5 :$05 '-+8!!%;*+6 #4 $;0 6 !! 105 ;8 $,0 2 -5*2$ #+
. (! 0(% / 8 >PK) $,0 !%+$ 80%# 6 # 1,'2,'2 4 :!0$0 +$%$'+$'2+ %#0 %7%'!%;!0 $,0#0 10#0 LL 5'+$#'2$ H$ 1-%-5 2'$8F ,'.,' +2, !+ '- ! #%5 >J 2 *-$8 ,'.,' +2, !+ %-5 P *-' -5'+$#'2$,'.,' +2, !+ !070-6 $,0 5'+$#'2$,'.,' +2, !+ 10#0 '-2'$'0+ 6)KKK # 4 #0 '-,%;'$%-$+ %-5 -0 $,0 %-*%! #%'-'-.'.,' 2, ! 6 0-70# '+ %!%#.0 $02,-'2%! ,'.,' +2, ! ,0+0 PP :*;!'2 ,'.,' +2, !+ #0: #$ % $0%2,'-.6 #20 6 MNL %-5 >K JN> +$*50-$+ 0-# !!05 #'7%$0 ,'.,' +2, !+ %#0 % 70#8 4'- # 6%2$ # '- ! #%5 -!8 Q ;0'-.#0: #$05 1'$,'NN '-+$#*2$ #+ H%!! 1 40-F %-5 >)M +$*50-$+ -8 5'+$#'2$,%7'-.4 #0 $,%- JQK 20-+*+ 2,'!5#0-' 4%8 6 #4 % ,'., +2, ! 1,0-070# $,0 ; %#5 6 +2, ! 5'#02$ #+ 4%8 5004 '$ 0E:05'0-$ -8 $1 # 4 #0 2 -$'.* *+ 5'+$#'2$+ 4%8 *-'$0 $ 6 #4 % *-' -,'.,' +2, ! -2 *-$'0+ -$ +4%!!0# $,%-$,0 6'6$,'2!%+ H$,0#0 %#0 +070-2!%+ +0+F %2 *-$8 ,' +2, ! 4%8 ;0 6 #405 ;8 % 4%& #'$8 7 $0 6 $,0 $%E:%80#+ 6 $,0 2 *-$8 2%!!05 ;8 % :0$'?

$' -' 6' QK' 0!02$:#+' $ ' $,0' +* :0#'-$0-50-$' 6' $,0' 2 *-$8' ' 2 *-$8' $%E' 6' %' +* 4' - $' $ ' 0E2005' N' 4'!!+' 4 %8' ;0' !07'05'6 #' $,0' +* : : #$' 6'%2 *-$8' ,'.,' +2, !' -' *-' -' ,'.,' +2, !+' $,0' *-' -' 5'+$#'2$' +,%#0+' '-' $,0' +$%$0' %: : #$' -40-$' 6' +2, !' 6*-5' &*+$' %+' %-' 0!040-$%#8' +2, !' 5'+9 $#'2$' %-5' $,0' ;%!%-20' -00505' '+' :# 7'505' ;8' $,0' *-'$'-.' 5'+$#'2$+' '-' :# : #$' -' $ ' $,0' -* 49 ;0# 6' :*:'!+' %$$0-5'-.' $,0' ,'.,' +2, !' 6# 4' 0%2,' 5'+$#'2$' ' :# 7'+' -' 0E'+$+' ;8' 1,'2,' % ,'.,' +2, !' -20' 6 #405' 2%-' ;0' 5'+2 -$'-*05' ,0' ,'.,' +2, !' !0.'+!%$' -' 6' ! #%5 ' 1,'!0' ;0$$0# $,%-' $,%$' 6' 4%-8' $,0# +$%$0+' +$'!!' !0%70+' + 40$,'-.' $ ' ;0' 50+'#05' '-' $,0' 4%$$0# 6' +*:: #$' 0:%#%$0' 6*-5+' %#0' - $' :# 7'505' $,0' 40$, 5' 6' +*:: #$'-.' 5'+$#'2$' ,'.,' +2, !+' '+' *-+%$'+6%2$ #8' %-5' $,0' 1, !0' 40$, 5' :0-+' $,0' 1%8' %+' '+' $,0' 2%+0' '-' 4%-8' $,0# +$%$0+' 6 # $,0' 5070! :40-$' 6' 6'-0' ,'.,' +2, !+' %$' $,0' 0E:0-+0' 6' $,0' 0!040-$%#8' +2, !+' ;0-0%$,

1 ' ' ((' 0(' / ' ,0' +$%$0' 4%'-$%'-+' $,0' -'70#+'$8' 6' ! #%5 ' &<% '*' :0-05' '-' >)LL' %$' *!50#' 6 #' $,0' 2 !!09 .'%$0' '-+$#*2$' -' 6' 40-' %-5' 1 40-<' $,0' +$%$0' %.#'2*!$*#%!' +2, !' &<% '* %$' #$' !!'-+' :0-05' '-' >)LP' 6 #' '-+$#*2$' -' '-' %.#'2*!$*#0' +2'0-20' %-5' 402,%-'2' %#$+<' %-5' $,0' +$%$0' +2, !' 6' 4'-0+' &<% '*' %$' !50-' :0-05' '-' >)LM' 6 #' '-+$#*2$' -' '-' 40$%!!*#.8' 4'-'-.' %-5' 0-.'-00#'-.' ,0' ,'.,0# '-+$#*2$' -' :# 9 7'505' ;8' $,0' +$%$0' '+' +* : :!040-$05' ;8' $,0' 6 !9 ! 1'-.' :#'7%$0''-+$'$*$' -+<' /

%	(	#	3#	&
-'70#+'$8' 6' 0-70#' 4 % %*' ! #%5 ' !9 !0.0' 4<% %*' !!0.0' 6' $,0' %2#05' 0%#$ 4<% %*	0%# 0-70# ! #%5 :#'-.+ 0-70#	0$, -?+02$ '	>)OM >)LM >)))	$,'+0E0+' $,'+0E0+' 0-

,0' -'70#+'$8' 6' 0-70#' %!+' 660#+' :# 60+9 +' -%!' '-+$#*2$' -' '-' !%1' %-5' 50-$'+$#8 ,0' +$%$0' %!+' 4%'-$%'-+' $,0' $%$0' -5*+$#'%!' 2, !' 6 #' 8+' %$' !50-<' $,0' $%$0' -5*+9 $#'%!' 2, !' 6 #' '#!+' %$' ##'+ -<' %-5' $,0' ! #%5 ' 2, !' 6 #' $,0' 0%6' %-5' !'-5' %$' ! #%5 ' :#'-.+' ,0' 6'#+$' $1 ' %#0' #06 #4%9 $ #8' '-+$'$*$' -+' ' '

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;8'%-' %2$' 6' $,0' $0##'$ #'%!' !0.'+!%$*#0' '-' >)O>' 6$0# #020'7'-.' +* 4+' 6' 4 -08' %-5' !%-5'6# 4' $,0' !0.'+!%$*#0' -.#0++' %-5' :#'7%$0' + *#20+' :# 7'+' -' 1%+' 4%50' '-' $,0' +$%$0' 2 -+$'$*$' -' $' %5 :$' $,0' *-'70#+'$8' %+' %' +$%$0' '-+$'$*$' -' '-' >)LO' ,0' *-'70#+'$8' $,*+' ;02%40' 0-$'$!05' $' $,0' !%-5'.#%-$+' 6# 4' -.#0++' ,0' -01' +$%$0' '-+$'$*$' -' 1%+' $,0-' :0-05' '-' >)LL' 1'$,' :#0:%#%$ #8' %-5' 2 !!0.0' 50:%#$40-$+<' % 405'2%!' +2, !' 6 !! 105' '-' >))J<' '-' >)PN' %!%1' +2, !' 1%+' :0-05' %-5'.#%5*%$0' 2 *#+0+' 10#0' 660#05<' $,0' 2 !!0.0' 6' 0-.'-00#'-.' 1%+' 0+$%;9 !'+,05' '-' >)PJ<' '-' >PKM' $,0' +* 440#' +2, !' 1%+' '-+$'$*$05<' '-' >PKO' $,0' 2 !!0.0' 6' 2 440#20' %-5' '-' >PK)' $,0' 2 !!0.0' 6' 05*2%$' -' 10#0' #.%-'G05' ,0' :#0:%#%$ #8' 50:%#$40-$+' 1%+' 2! +05' '-' >PKL' ,0' :!%-$' - 1' '-2!*50+' >L' ;*'!5'-.+' *+05' 6 #' :*#: +0+' 6' '-+$#*2$' -' %-5' %+' 5 #4'$ #'0+' 0!!?0U*':05'!%; #%$ #'0+' %-5' +070#%!' 7%!*%;!0' 2 !!02$' -+' %#0' 4%'-$%'-05' $*50-$+' %#0' %54'$$05' $ ' $,0' 2 !!0.0' 6' %#$+' 2 440#20' %-5' 05*2%$' -' -' 6*16'!!'-.' #0U*'#09 40-$+' 0U*'7%!0-$' $ ' >Q' *-'$+' 6' ,'.,' +2, !' 1 #3' 54'++' -' '+' ;8' 0E%4'-%$' -' # 20#9 $'6'2%$0' 6' %-' %22#05'$05' ,'.,' +2, !' #0-9 $#%-20' $ ' $,0' +2, !' 6' !%1'$1 ' 80%#+' 6' 1 #3' '-' $,0' 2 !!0.0' 6' !';0#%!' %#$+' 1'!!' ;0' #0U*'#05' %6$0# >P>>' ,0' #0U*'#040-$+' 6 #' $,0' +2, !' 6' 0-9 .'-00#'-.''-2!*50' 4 #0'*-'$+' 6' 4%$,04%$'2+'%-5' !0++' 6' !%-.*%.0+' $,%-' $,0' 2 !!0.0' 6' %#$+' ,0' %54'++' -' #0U*'#040-$+' 6 #' $,0' 405'2%!' +2, !' %#0' $, +0' !%'5' 5 1-' ;8' $,0' ++ 2'%$' -' 6' 40#9 '2%-' 05'2%!' !!0.0+' 1'$,' $,0' %55'$' -' 6' $1 ' 80%#+' 6' 1 #3' '-' $,0' 2 !!0.0' 6' !';0#%!' %#$+' -' $,0' +0++' -' >PKP?>P>K' $,0#0' 10#0' 0-# !!05' >NN>' +$*50-$+' 5'+$#';*$05'%+' 6 !! 1+' .#%5*%$0'+2, !')J<' 2 !!0.0' 6'!';0#%!'%#$+' QLL<' 2 !!0.0' 6'0-.'-00#9 '-.' NPN<' +2, !' 6' 405'2'-0')K<' +2,U !' 6' !%1' >KN<' +* 440#' +2, !' >>J' ,0' 6%2*!$8' '-2!*50+')L' :# 60++ #+' %-5' L' %+'+$%-$' :# 60++ #+' LJ' !029 $*#0#+' '-+$#*2$ #+' %-5' %+'+$%-$+' (%40+' %30#' ' '+$,0' :#0+'50-$

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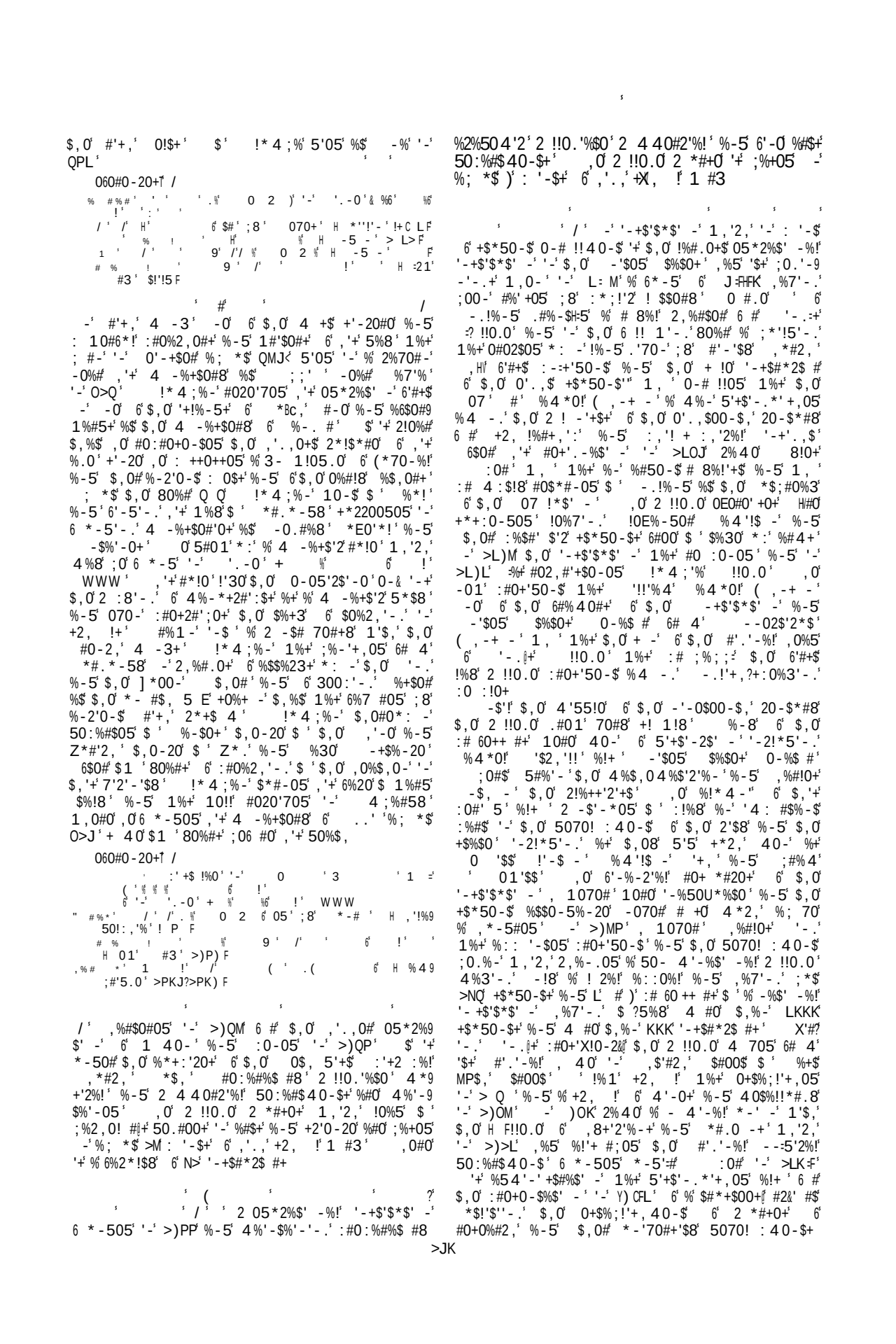
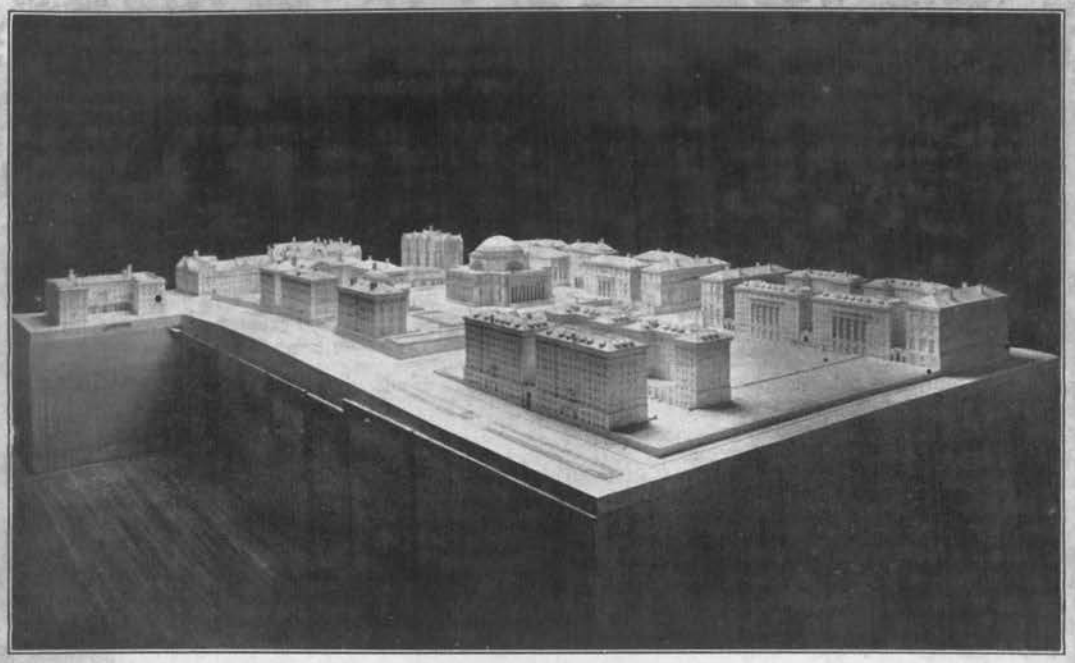
#-' '-' -0.%!' *-$8' #0!%-5' QN>' %-5' 05*2%$05' '-' $,0' 4 -%+$'2' +2, !' 6' 7'!!0' %-5' %6$0#1%#5+' '-' $,0' 4 -%+$0#8' 6' ! -%#5' !*4;%' 1%+' %2$'70' '-' $,0' 6 *-5%$' -' 6' $,0' 4 -%+$0#'0+' 6' 0##8' *## 1' %-5' 0!!+<' ;*$' '-' QOJ' ,0' $*#-05',+' 4'++' -%#8' 0-0#.'0+' $ 9 1%#5' 2 $!%-5' %-5' ;02%40' $,0' %: +$!0' 6'$+' 2 -70#+' -' 0' 1%+' :#0+0-$05' 1'$,' $,0' +!0' 6' -%' 1,0#0' + -' %# +0' ;8' $,0' !%; # 6',+' ,%-5+' %-5' $, +0' 6',+' $10!70' 2 4#%50+' $,0' ;0.'--'-.+' 6' $,0' .#0%$0+$' 6' $,0' 0%#!8' 2 $$'+,' 4 -%+$0#'0+' # 4' -%' !*4;%' 4%50' & *#9 -08+' $,# *., *$' 2 $!%-5' 0#02$'-.' 4 -%+$0#'0+' 1,0#070#' ,0' 40$' 1'$,' %' 6%7 #%;!0' #020:$' -' 0%#' $,0+0' 4 -%+$0#'0+' 2,*#2,0+' 10#0' ;*'!$' %-5' $,0' ;; $' 6' -%' $, *.,' -' 4 #0' $,%-' %+'4:!0' :#0+;8$0#' 2 -+02#%$05' ;'+, :+' 1'$,' $,0' %57'20' 6' %' (0 ' 0 ' 6',+' 2 -70-$' '$,' $,0' 4 -%+$0#'0+' 2%40' $ ' 2 $!%-5' $,0' 4 9 -%+$'2' +2, !+' %-5' !0%#-'-.' 1,'2,' %$' $,%$' $'40' 10#0' - 1,0#0' ;0$$0# #0:#0+0-$05' $,%-' %4 -.





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1,'2,'$, *.,'2 -20'705'-'%57%-20' 6'$+'$'40' 4%#3+' %-' '4: #$%-$ +$0:' '-' $,0' ,'+$ #8' 6' ,'.,0# 05*2%$' -' '-' $,0' -'$05' $%$0+ #0+'50-$ #050#'23' ' ' %#-%#5+' %54'-9 '+$#%$' -' >)OM' $ ' >))P' 1%+' -0' 6'2 -$'-* *+' .# 1$,' ,0' '-2 40' 6# 4' $,0' $1 ' 4%'-' 0-5 140-$+' 6' $,02 !!0.0'$,0' #'-'$8' ,*#2,' !%-5'%-5'$,0' $%-'2%!' %#50-' -' '6$,' 70-*0' H.'70-' ;8' $,0' +$%$0' !0.'+!%$*#0' '-' >)>MF' ,%5' '-2#0%+05' 1'$,' $,0' .# 1$,' 6' $,0' 2'$8' %-5' $,0' '-+$'$*$' -' 1%+' - 1'*: -'% 6'-%-2'%!' ;%+'+' 1,'2,' 4%50' 5070! :40-$: ++';!0' ' +2, !' 6' : 9 !'$'2%!' +2'0-20' 1%+' 0+$%;!'+,05' '-' >))K' %' 509 :%#$40-$ 6' %#2,'02*#0' '-' >))>' %-5' 5*#'-.' $,'+' 502%50' %55'$' -%!' $02,-! .'2%!' 2 *#+0+' 10#0' 0+$%;!'+,05' %#-%#5' 1%+' %' !0%50#' '-' $,0' 4 7040-$ $ ' :# 7'50' 6 #' $,0' ,'.,0# 05*9 2%$' -' 6' 1 40-' ' ,'+' '-6!*0-20' '+' 5*0' $,0' '-50:0-50-$' 0+$%;!'+,40-$' '-' >))P' 6' %#-%#5' !!0.0' <% %*%' 0' 1%+' %!+' -0' 6' $,0' 6'#+$' $ ' %: :#02'%$0' $,0' 5'.-'$8' 6' $0%2,'-.' %+' %' :# 960++' -' %-5' $,0' -020++'$8' 6 #' %50U*%$0' :#0:%#%9 $' -' $,0#06 #' 0' .!%5!8' !0-$' ,'+' %'5' $ ' $,0' 4 50+$' ;0.'--'-.+' 6' 0%2,0#+' !!0.0' 4 % %*6 1,'2,' 1%+' 6 *-505' '-' >))) ' %-5' 1%+' 50+$'-05' $ ' ;02 40' -0' 6' $,0' 4 +$' 7'$%!' :%#$+' 6' $,0' *-'70#+'$8' $,%$' 1%+' $ ' .# 1' *$' 6' !*4;'% !!0.0 #0+'50-$ %#-%#5' 5'05' '-' >))P',+'+*220++ #' ;0'-.' 0$,' 1' 6' $,0' 2!%++' 6' >)LK' 6 #40# %8 #' 6' # 3!8-' %-5' !0$$0#+' -' >)P>' $,0' !!0.0' 6' ,8+'2'%-+' %-5' *#.0 -+' 1,'2,' ,%5' :#09 7' *+!8',%5'%-''-50:0-50-$'2,%#$0#' 1%+' 40#.05' '-' $,0' *-'70#+'$8' -' >)PN' $,0' .#%5*%$0' +2, ! 6' :*#0' +2'0-20' 1%+' #.%-'G05' -' >)PO' $,0' $'$!0' !*4;'%' -'70#+'$8' 1%+' %5 :$05' %-5''-' $,0' 6 !! 1'-.' 80%#' $,0' '-+$'$*$' -' 4 705' $ ' '$+' :#0+0-$'+'$0' -' #-'-.+'50' 0'.,$+' -' >PKK' %'+*4 40#+0++' -' %-5'%50:%#$40-$' 60E$0-+' -' $0%2,'-.' 10#0' 0+$%;!'+,05 *#'-.' $,0' %54'-'+$#%$' -' 6' #0+'50-$' '2, !%+' *##%8' *$!0#')N' 1,' %$' $,0' $'40' 6',+'0!02$' -' '-' >PK>' 1%+' 50%-' %-5' :# 60++ #' 6' :,'! + :,8' %-5' 05*2%$' -' $,0' *-'70#+'$8' ,%+' .# 1-' #%:'5!8' '-' -*4;0#+' %-5' '-6!*0-20' 55'$' -%!' !%-5',%+';00-':*#2,%+05' 4%-8' -01' ;*'!5'-.+',%70' ;00-'0#02$05' %-5' $,0' 6'-%-2'%!' #0+ *#20+' !%#.0!8' '-2#0%+05' -' >PKM' $,0' 01' #3' !!0.0' 6' ,%#4%28' 1,'!0' #0$%'-'-.' '$+' 2 #: #%$0' 0E'+$0-20' ;02%40' $,0' +2, !' 6' :,%#4%28' 6' $,0' *-'70#+'$8' -' >PKO' %' 6%29 *!$8' 6' 6'-0' %#$+' 1%+' 6 #405' $,0# '-2'9 50-$+' 6' $,'+' %54'-'+$#%$' -' ,%70' ;00-' $,0' #00+$%;!'+,40-$' 6' 5 #4'$ #8' !'60' 6 #' $,0' 40-' / ' $,0' '-+$'$*$' -' ,%7'-.' ,%5' - ' 5 #4'$ #8' +'-20' $,0' 0'.,$00-$,' 20-$*#8' ' 2! +0' %!!'%-20' ,%+' ;00-' 6 #405' 1'$,' $,0' 01' #3' 2, !' 6' ,'!%-$,# :8' 1'$,' $,0' #*++'%-' '-'+$#8 6' 5*2%$' -' 6 #' %-'-*%!' 0E2,%-.0' 6' :# 960++ #+' 1'$,' %!0' -'70#+'$8' 6 #' %& '-$'2 *#+0' '-' :#0:%#%$' -' 6 #' :*;!'2' +0#7'20' ,0' $'0+' 1'$,' $,0' -0%#;8' $,0 ! .'2%!' +04'-%#'0+' 0+$%;9 !'+,05' 5*#'-.' #' 1⁄+' %54'-'+$#%$' -' ,%70' ;00-' 4%50' 2! +0#' :%#$'2*!%#!8' '-' $,0' 2%+0' 6' $,0' -' -' ,0 ! .'2%!' 04'-%#8' $,0' -01' ;*'!59 '-.+' 6' 1,'2,'%#0' 2 -$'.* *+' $ ' $,0' *-'70#+'$8' # 7'+' -' ,%+';00-' 4%50';8' #' (+0:,' *!'$9 G0# 6 #' $,0' 0+$%;!'+,40-$' '-' $,0' 6'*$*#0' 6' %' *-'70#+'$8' +2, !' 6' & *#-%!'+4' %-5' :!%-+' %#0' ;0'-.' 4%$*#05'6 #' $,0' #.%-'G%$' -' 6' 2 *#+0+' '-' 6 #0+$' 0-.'-00#'-.' %.#'2*!$*#0' !%-5+2%:0' .%#50-'-.' %-5':#070-$'70' 405'2'-0' 0%2,0#+' !!0.0',+' .# 1-' #04%#3%;!8' %-5' '+' 5 '-.' :' -00#' 1 #3' 6' $,0' .#0%$0+$' 4: #$%-20' '-' , *+0, !5' %-5' '-5*+$#'%!' %#$+' H 00' - * 6 ' * 5 !*4;'%' -'70#+'$8' '+' +$'!!' :0#%$05' *-50#' $,0' #'.'-%!' 2,%#$0#' 6' '-.+' !!0.0' !%+$' %40-505' '-' >)>>' ' +0!6?:0#:0$*%$'-.' ; %#5' 6' NM' $#*+$00+' -0' 6 *#$,' 6' 1, 4', 1070#' %#0' - 1' - 4'-%$05';8' $,0' %!*4-'* -50#' $,0' %#$4 *$,' :!%-',!5' $,0' $'$!0' $ ' %!!' :# :0#$8' %:: '-$%!!' 66'20#+' %-5',%70' *!$'4%$0' 2 -$# !' 70#' $,0' %66%'#+' 6' $,0' *-'70#+'$8' ,0' 1 #3' 6' $,0' $#*+$00+' / '%-5'$' '+' % #0%!' 1 #3'-.' ; %#5' / '+' 4%'-!8' 5 -0' '-'+4%!!'+$%-5'-.'2 4 4'$$00+' -' 05*2%$' -' 6'-%-20' ;*'!5'-.+' %-5' .# *-5+' 0$2' E20:$' 6 #' $,0' 2%#0' 6' $,0' 6'-%-20+' 1,'2,'+' '-' $,0',%-5+' 6' $,0' $#0%+*#0#' $,0' :#0+'50-$',%+' 2,%#.0' 6' $,0' .0-0#%!' %54'-'+9 $#%$' -' !*4;'%' '+' #%$,0# 2 -+:'2* *+' 6 #' $,0' -*4;0#' 6' 66'20#+' %++'+$'-.' $,0' :#0+'50-$' 1,+0' 1 #3' '+' 1, !!8' # 4%'-!8' %54'-'+$#%$'70' %-5' 6 #' $,0' #0+: -+';'!'$8' 0-$#*+$05' $ ' $,04' ,0' $,0 #8' 6' $,0' $#*+$00+' '+' $,%$' # *$'-0' %59 4'-'+$#%$'70' 1 #3' 5 -0';8' $0%2,0#+' '+' 5 -0' %$ $,0' 0E:0-+0' 6' $,0'# +2, !%#!8' 1 #3' %-5' :# 9 7'+' -' ;0'-.' 4%50' '-' $,0' 6%2*!$'0+' %-5' 2 *-2'!' 6 #' $,0' 6 #4*!%$' -' 6' 05*2%$' -%!' : !'2'0+' $,0' 2%##8'-.' *$' 6' $,0+0' : !'2'0+' '+' 6%!!'-.' 4 #0' %-5' 4 #0' '-$ ' $,0',%-5+' 6' $,0+0' %54'-'+$#%9 $'70' 66'20#+' 1,' '-2!*50' $,0' $10!70' 50%-+' %-5' 5'#02$ #+' 1,' %#0' '-' '4 405'%$0' 2,%#.0' 6' $,0'# +070#%!' +2, !+' $,0' !';#%#'%-' $,0' 2,%:!%'-' 2 -9 +*!$'-.' 0-.'-00#' +02#0$%#8' #0.'+$#%#' %!*4-' +02#0$%#8' ;*#+%#' %-5' +*:0#'-$0-50-$' 6' ;*'!59 '-.+' %-5' .# *-5+ ,0#0' '+' $,0' 2*+$ 4%#8' +*;5'7'+' -' 6' 66'9 20#+' 6' '-+$#*2$' -' '-$ ' 6%2*!$'0+' -' $,0' ;%+'+' 6' :# .#%4+' 6' +$*58' %-5' '-$ ' 50:%#$40-$+' %-5' 5'7'+' -+' -' $,0' ;%+'+' 6' +*;&02$+' #' .# *:+' ,0',.,0+$ %2%504'2' ; 58' '+' $,0' -'70#+'$8' *-2'!' 2 -+'+$'-.' 6' $,0' :#0+'50-$' $,0' 50%-+' H1,' %#0' %:: '-$05';8' $,0' $#*+$00+F' %-5' $1' 0!02$05' 404;0#+' 6# 4' 0%2,' 6%2*!$8' ,0' 2 *-2'!' 1%+' #.%-'G05' *-50#' #0+'50-$' 1' !%#.0!8' 6 #' $,0' :*#: +0' 6' +$%-5%#5'G'-.' .#%59 *%$0' 1 #3';*$ 1'$,'$'40'$' ,%+' $%30-' -' !%#.0# 6*-2$' -+'%-5'4: #$%-$ 4%$$0#+' 6' *-'70#+'$8' : !'28' %#0' - 1'2*+$ 4%#'!8' #060##05' $ ''$;06 #0' %2$' -'+' $%30-';8' $,0' $#*+$00+ ,0' 05*2%$' -%!' : !'28' 6' $,0' *-'70#+'$8' 4%8';0';# %5!8' +*4 4%#'G05' %+' 6 !! 1+' -9

$#%-20 $ ' $, $ 0 2 !!0 . '%$0 2 *#+0+ ! * 4 ; '% !!0 . 0 6 # 40-' %-5 %#-%#5 !!0 . 0 6 # 1 9 40-' '+ + ' %5 4 '-'+$0#05 %+ $ ' : 0# 4 '$ $, 0 0-9 $#%-20 6 %-8 1 #$, 8 +$*50-$ 1 , ' 2%-' +, 1 ' ; 8 0E% 4 '-%$' -' $, 0 : #0 : %#%$' -' 6 % . 5 +02 -5%#8 +2, ! 2 *#+0 # '$+ 0U*'7%!0-$ -20 %5 4 '$0 5 ' $, 0 U*%!'$8 6 $, 0 1 #3 6 % 2 !!0 . 0 +$*50-$ ' U*'$0 %+ 4 *2 , '%+ '$+ U*%-$'$8 ' '+ 2 -+'50#05 ' -' %57%-2'-.' , '4 6 # .#%5*%$' -' %-5 * -50# $, 0 : 0#%$' -+ 6 $, 0 : #0+0-$ #*!0+ 4 %-8 +$*50-$+ .#%5*%$0 '-' $, #00 # $, #00 %-5 % , %!6 80%#+ +' , %+ - $; 00-' '-6#0U*0-$ '-' #%: '5!8 .# 1'-.' '-+$'$*$' -+' $, 0 U*0+$' -' 6 0 66'2'0-28 '-' $0%2 , '-.' , %5 - $ * -$'!' #020-$!8 ; 00-' #020'7'-.'$+ 5*0 : # 4 '-0-20 '-' $, 0 %5 4 '-9 '+$#%$' -' 6 $, 0+0 2 !!0 . 0+ ; *$ %$: #0+0-$ $, '+ U*0+$' -' '+ * -50#. '-.' 2%#06*!' +2#*$'-8 -' $, 0 : %#$ 6 $, 0 * -'70#+'$8

-$#%-20 $ ' $, 0 : # 60++' -%!' +2, !+' / '!%1 ' 405'2'-0 4 '-0+' 0-.'-00#'-.' %-5 2,04 '+$#8 ' %#2 , '$02$*#0 05*2%$' -' : , %# 4 %28 / '+, *!5 ; 0 ;%+05 * : -' 4 #0 $, %-' % +02 -5%#8 +2, ! $#%'-'-. ' ; *$ +, *!5 - $; 0 * -5*!8 50!%805 ; 8 504%-5'-.'% 6 *#?80%# 2 !!0 . 0 2 *#+0 %+ % : #0#0U*'+'$0 !* 4 ; '% 1%+ $, 0 : ' -00# '-4%3'-.' : # 7'+' -' 6 # 2 4 ; '-'-.' 2 !!0 . '%$0 %-5 : # 60++' -%!' 2 *#+0+' %-5 , %+ 5070! : 05 $, '+ : !%-' * -$'!' %$: #0+0-$ $, 0 2%: %; !0 +$*50-$ 2%-' 2 4 : !0$0 $, 0 #0U*'#040-$+' ; $, ' 6 # $, 0 ; %2 , 9 0! #‡+' 50.#00 %-5 %-8 : # 60++' -%!' 50.#00 '-' +'E 80%#+ E20 : $'-.' $, 0 2 !!0 . 0 6 : , %#9 4%28 $, 0 +2, !+' 6 %: : !'05 +2'0-20 %#0 $, 0 -!8 -0+' 1 , '2 , '5 - $ - 1'#0U*'#06 # 0-$#%-20 %$!0%+$ $1 '80%#+' 6 2 !!0 . 0 1 #3 '%-5' , 0#0 $, 0 : #0!'4'-%#8 2 !!0 . 0 1 #3 '+' +$# -.!8 #02 49 40-505 %-5 '+' ; 0'-.' $%30-' ; 8 %-' '-2#0%+'-.' -* 4 ; 0# 6 +$*50-$+' , 0 2 *#+0+ 6 , '. , 0# '-+$#*2$' -' %-5 #0+0%#2 , '%#0 : 0-' -!8 $ ' $, +0 1 , ' , %70 , %5 2 !!0 . 0 $#%'-'-.' '-2!*5'-.'+: 02'%! : #0 : %#%$' -' 6 # %57%-205 1 #3 '-' $, 0 4%& # +*; &02$+' , 0+0 +$*50-$+ %#0 .'70-' $, 0 .#0%$9 0+$: ++' ; !0 6#005 4 '-' $, 0 2, '20 6 +*; &02$+' %-5 '-' $, 0 : # +02*$' -' 6 $, 0 '# 1 #3 , 0 +* 4 40# +0++' -' %-5 $, 0 0E$0-+' -' 2 *# +0+' ; 0+'50 .'7'-.' %-' : : #$*-'$8 $ ' $, +0 1 , ' 2%-- $ $%30 *-'70#+'$8 1 #3 %$ $, 0 # $'40+' %#0 7%!*%; !0 0!040-$+ 6 %#$'2*!%$' -' ; 0$100-' $, 0 *-'70#+'$8 %-5 $, 0 # '-+$'$*$' -+' %-5 $, # *. , ' $, 04 ' +$*50-$+ %#0 6#0U*0-$!8 0-%; !05 $ ' 2 4 : !0$0 $, 0'# *-'70#+'$8 #0U*'#040-$+ 1'$, *$ %-' *-5*0 ! ++ 6 $'40

-'%!' $+ 1 #3 '$ '+ $, 0 : !'28 6 $, 0 *-'70#9 +'$8 $ ' $%30 070#8 : ++' ; !0 %57%-$%.0 6 '$+ 40$# : !'$%-'+'$*%$' -' %-5 $ '0-!'+$ $, 0'2 6' : 0#? %$' -' - $ -!8 6 $, 0 !' ; #%#'0+' 4 *+0*4+' , +9 : '$%!+'%-5 $, 0# : *; !'2 '-+$'$*$' -+' ; *$ 6 $, 0 : 0#+ -%!+0#7'20 6 $, 0 0E : 0#$+' -' 070#8 ; #%-2 , 6 3- 1!05.0 '$+ 1-' %!*4-'' %-5 $, 0#+ 1 , '-%$*#%!!8 2 -.#0.%$0' -' %.#0%$ 2'$8 ' , 0 +$*50-$ 6 %#2 , '02*#0 6 # 0E%4 : !0' , %+ $, 0 ; 0-06'$ 6 2#'$'2'+4 ; 8 !0%50#+' 6 $, 0 : # 60++' -' 6 , '+ 1-'2, +'-.'%-5'$, 0 0-.'-00#'-.'+$*50-$ +'4'!%#!8 400$+' 40-' 1 , +0 %57'20 '+' 6 $, 0 .#0%$0+$ 7%!*0 $ ' , '4 # 7'+' -' '+' 4%50 1 , 0#0 ; 8 +0-' # 405'2%!'' +$*50-$+' , %70 2 -9

$'-* *+' +0#7'20 %+' 2!'-'2%!' 2!0#3+' '-' $, 0 , +: '$%!+' 6 $, 0 2'$8

, 0 *-'70#+'$8 !'; #%#8 -* 4 ; 0#+'%; *$ MJK KKK 7 !* 40+' %-5 $, 0 +2'0-$'6'2 0U*': 40-$ 6 # '-9 +$#*2$' -' %-5 #0+0%#2 , '+' '-.0-0#%! 70#8 . 5 $, 0 !%; #%$ #8 0U*': 40-$; 0'-.' 2 -+$%-$!8 #0 : !0-'+ , 05 6# 4 $, 0 '-2 40 6 % !%#.0 6*-5 ; 0U*0%$, 05 6 # $, 0 : *#: +0 ; 8 $, 0 !%$0 $0 : , 0-' , '$-08 , 20-'E' @QP

, 0 : , 8+'2%!' %: : 0%#%-20 6 $, 0 *-'70#+'$8 '+' 4 : #0++'70 $ +$%-5+' -' $, 0 +* 4 4 '$ 6 % # 238 , '!!' -' $, 0 - #$, 0#-' : %#$ 6 %-, %$$%-' +!%-5' +*## *-505 ; 8 % - $%; !0 .# *:' 6 : *; !'2 ; *'!5'-.+' '-2!*5'-.' $, 0 %$, 05#%!' 6 $ ' (, ' $, 0 '7'-0 $ * 30@+' +: '$%!' $, 0 -' -' , 0 ! .'2%!' 04'-%#8 $, 0 -+$'$*$0 6 *+'2%!' #$ %-5 #%-$-+' $ 4 ; H , 0 +2, !+' 6 405'2'-0 %-5 : , %# 4 %28 %#0 %$: #0+0-$ %$ QP$, $#00$ %-5 O $, $#00$ #09 +: 02$'70!8 F , 0 .# *-5+' %$ #-'-.+'50 '-2!*5'-.' $, +0 6 %#-%#5 !!0 . 0 %-5 0%2 , 0#+' !!0 . 0 ' 2 70# JN %2#0+' , 0#0 %#0 '-' %!!' M> *-'70#+'$8 ; *'!5'-.+' , %7'-.' % $ %!' 6! # %#0% 6 > OLL OP>' +U*%#0 600$ 0#02$05 %$ % 2 +$ 6 %; *$ ^>> QKK KKK ' , 0 ; *'!5'-.+' 6 $, 0 -'70#+'$8 #: #%$' -' %#0 ; 0'-.' 0#02$05 '-' %22 #5%-20 1'$, ' %*-'6'05 %#2 , '02*#%!' +2, 040 6 .#0%$ 5'.-'$8 ' 6 # 1 , '2 , ' 2#05'$ '+' 4%'-!8 5*0 $ ' $, 0 !%$0 , %#!0+ ' 2 '4 ' , 0 20-$#%!' !'; #%#8 ' $, 0 .'6$? 6 #0+'50-$ 1' %+' % 404 #'%!' $ ' , '+' 6%$, 0#' '+' % 2!%++'2%!' ; *'!5'-.' 6 1 , '$0' !'40+$ -0 %-5 $, 0 +*## *-5'-.' ; *'!5'-.+' %#0 6 ; #'23 1'$, ' !'40+$ -0 $#'44'-.+' , 0 * -'70#+'$8 , %+!%-5 0- *. , ' 6 # % - #4%!' .# 1$, ' 5*#'-.' $, 0 -0E$ $0-' # 6'6$00-' 80%#+' ; *$ $, 0 2'$8 '+' #%: '5!8 2! +'-.' %; *$ '$ '%-5 %+' $, 0 : #0+0-$ 7%!*6 6 7%2%-$!%-5 '-' $, 0 7'2'-'$8 '+' 4 #0 $, %-' ^> KKK KKK : 0# 2'$8 ; ! 23 $, 0 5'66'2*!$'0+'+*#9 # *-5'-.' '$+' 6*$*#0 .# 1$, ' 2%-- $; 0 70#9 0+$'4%$05 , 0 : #0!'4'-%#&? !0.%!' +$0 : +' , %70 ; 00-' $%30-' 6 # %-' '-$0#0+$'-.' : # &02$' $ ' : # 9 7'50 % *-'70#+'$8 +$%5'*4' ; 8 6'!!'-.' '-' $, 0 *5+ -' '70# +, #0 %$ % : '-$ %6 601' , *-5#05 600$ 5' +$%-$ 6# 4 $, 0 * -'70#+'$8

, 0 $0%2 , '-.' +$%66 1 , '2 , ' - 1' -*4 ; 0#+' 4 #0 $, %-' +'E , *-5#05 , %+' $+' +, %#0 6 $, 0 4 +$ 5'+$'-.*'+, 05 40#'2%-' '-+$#*2$ #+' %-5 '-70+$'.%$ #+ $ ' +' ; 0'-.' 2 -+$%-$!8 #09 2#*'$05 ; 8 40-' 6 # 1 , 4 ' $, 0 +$'4*!*+' 6 40$# : !'$%-' !'60 '+' % 4 #0 : 10#6*!' 6%2$ # $, %-' $+' *-5 *; $05 0E : 0-+0 0#, %: +' $, 0 *-'70#+'$8 '+' 4 +$ - $%; !8 +$# -.' %$: #0+0-$ '-' $, 0 : !'$'2%!' %-5' + 2'%!' +2'0-20+' %-5' '-' $, 0 6'0!5+' 6 05*2%$' -' -.!'+, ' , '! + : , 8 ' %-5 $02 , - ! .8 +' '+' !'30!8 $ ' ; 0 '-' $, 0 2%+0 6 %-' *#; %-' *-'70#+'$8 $, 0 '-$0!!02$*%!' : %20 '+ +1'6$ ' %-5 $, 0 >> QK $'$!0+' '-' $, 0 ' %--*%!' *-'9 70#+'$8 ; ';!' .#%: , 8 2 -$%'-' 4 #0 $, %-' $, 0 %70#%.0 -*4 ; 0# 6 2 -$#'; *$' -+' 6 : 0#9 4%-0-$ 7%!*0 $ ' +2, !%#+, ':

, 0 +$*50-$+' #0.'+$0#05 '-' >P>K?>P>>' %#0 5'7'505 %+' 6 !! 1+< !* 4 ; '% !!0 . 0 LNP< %#-%#5 !!0 . 0 QN>< - -:# 60+ +' -%!' .#%59 *%$0 +2, !+' PP>< !%1 ' JOQ< 405'2'-0 J>O<

4'-0+' 0-.'-00#'-.' %-5' 2,04'+$#8' L>J< 6'-0' %#$+' >LP< :,%#4%28' N)J< 0%2,0#+' !!0.0' >MKN' %-5' +*4 4 0# +0++' -' NOJN' %' $ $%!' 0E9 2!*5'-.'5*:!'2%$0+' 6' LMQN' -'%55'$' -'$,0#0' %#0' 4%-8' #0.'+$0#05' 0E$0-+' -'+$*50-$+' #0' $,%-' ,%!6' $,0' +$*50-$+' '-' $,0' *-'70#+'$8' %#0' .#%5*%$0+' 6' ,'.,0#' '-+$'$*$' -+' 6' !0%#-'-.' #0:#0+0-$'-.' '-' 0%2,' 80%#' 4 #0' $,%-' NQK' 40#'2%-' '-+$'$*$' -+' 6' 2 !!0.'%$0' +$%-5'-.' %-5' LQ' # 4 #0' +'4'!%# 6 #0'.-' '-+$'$*$' -+' 6' $,0' $ $%!' #0.'+$#%$' -' %; *$' -0' $,'#5' %#0' 1 40-

,0' 4%30*:' 6' $,0' +$*50-$' ; 58' '+' 0E$#%9 #5'-%#'!8' 2 4:!0E' -' $,0' 2 !!0.0' $,0#0' ,%70' %!1%8+' ;00-'%'-*4;0#' 6' $,0' -'230#; 230#' %-5' $,0#' !5' 0+$%;!'+,05' 01' #3' 6%4'!'0+' '50' ;8' +'50' 1'$,' $,0+0' %#0' %-' '-2#0%+'-.' -*49 ;0#' 6' 2 *-$#8' ; 8+' 1,' .' $' $,0' 2'$8' 6 #' $,0'# 05*2%$' -'6 #' $,0' +%40' #0%+' -' $,%$' 4%-8' 2'$8' ; 8+' .' $' $,0' 2 *-$#8' ,0' :# 60+9 +' -%!' %-5' .#%5*%$0' +$*50-$+' 2 40' 6# 4' %!!' :%#$+' 6' $,0' 1 #!5' '$*%$05' %+' !*4;'%' '+' %$' $,0' 4%'-' .%$01%8' 6' $,0' 2 *-$#8' '$' '+' -' $ +*#:#'+'-.' $,%$' %!%#.0' -*4;0#' 6' $,0' +$*50-$+' %#0' 6' 6 #0'.-' ;'#$,' #' :%#0-$%.0' ,0' 0#9 4%-+' 6' $,0' +02 -5' %-5' $,'#5' .0-0#%$' -' %#0' ,0#0' '-' !%#.0' -*4;0#+' %-5' $,0' -*4;0#' 6' $%!'%-'%-5' 2%-5'-%7'%-'+$*50-$+' 6' $,0' +%40' 2!%++' '+' #%:'5!8' .# 1'-.' -' %55'$' -' $,0#0' %#0' 0%2,' 80%#' + 40' >QK' +$*50-$+' 2 4'-.' 5'9 #02$' 6# 4' 6 #0'.-' 2 *-$#'0+' 10-$8' 80%#+' %.' !*4;'%' 1%+' 3- 1-'%+' $,0' R' '2,' %-+' !!0.0 S' $'+'-1'2 4'-.'$';0'%:#02'%$05' %+' $,0' R' #' %-+' -'70#+'$8 S' ,0' :9 :#$*-'$'0+''-' 01' #3'6 #'+$*50-$+' 1,',%70' $ "*:: #$' $,04+0!70+' %#0' 1'50' %-5' $,0' 0%#-9 '-.' 6' $,0' QKK' 40-' 1,' #0: #$' $' $,0' 04:! 8' 40-$' 2 4 4'$$00' %..#0.%$0' 0%2,' 80%#' 4 #0' $,%-' >>QK KKK' -' +:'$0' 6' $,0' 5 !06*!' :#09 5'2$' -+' 1,'2,' 10#0' 4%50' 1,0-''-' >PKQ' '-9 $0#2 !!0.'%$0' 6 $;%!!' 1%+'+*44%#'!8' %; !'+,05' %+' %-' R' %2%504'2' -*'+%-20 S' $,0' 7%#' *+'+$*9 50-$' %2$'7'$'0+' %#0' '-' %' :# +:0# *+' 2 -5'$' -' 10-$8?6 *#' #003' !0$$0#' 6#%$0#-'$'0+' ,%70' 2,%:$0#+' %$' !*4;'%' 4 -.' $,0' '--*40#9 %;!0' $,0#' #.%-'G%$' -+' :0#,%:+' $,0' 4 +$' -$0#0+$'-.' %#0' $,0' 2!*;+' +04'?+2, !%#!8' %-5' +04'?+ 2'%!' 2 4:+05' 6' '-+$#*2$ #+' %-5' +$*9 50-$+' 1,' %#0' ;*-5' $.0$,0#' ;8' 2 4 4 -' '-$0#0+$' $' + 40' +*;&02$' 6' +$*58' $*50-$' & *#-%!'+4' 50;%$'-.' %-5' 5#%4%$'2+' 6! *#'+,' %-5' $,0' *-'70#+'$8',%+' %2#05'$%;!0' :+'$' -' '-' 7%#' *+';#%-2,0+' 6'+:#$'-$%;!8' # 1'-.' ;%+30$;%!!' %-5' %++ 2'%$' -' 6 $;%!!

,0' %--*%!';*5.0$' 6' $,0' *-'70#+'$8''-2!*59 '-.' $,0' 6 *#' 2 -+$'$*0-$' 2 #:#%$' -+' '+'-1' 70#' ^N QKK KKK' 6' $,'+' +*4' ,%!6' 2 40+' 6# 4' +$*50-$' 600+' %; *$' -0' 6 *#$,' 6# 4' $,0' #0-$+' 6' #0%!' 0+$%$0' -0' 0'.,$,' 6# 4' $,0' -9 2 40' 6' $#*+$' 6*-5+' %-5' $,0' #04%'-50#' 6# 4' +:02'%!'.'6$+' 6' $,0''-2 40' %; *$' ^> QKK KKK' '+' 507 $05' $' $0%2,0#+%!%#'0+' %-5' $,0' #09 4%'-50#' $' $,0' :*#2,%+'-.' 6' ; 3+'%-5'%:9 #%$*+' $' $,0' .0-0#%!' %54'-'+$#%$' -' %-5' $' %+'-3'-.' 6*-5' 6 #' $,0' !'U*'5%$' -' 6' $,0' 50;$' 6

^J KKK KKK' '-2*##05' '-' 5070! :'-.' $,0' +'$0' %$' #-'-.+'50

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of a year and a half beyond the high school, trains teachers for the elementary schools. A truant officer looks after the enforcement of the compulsory attendance laws. Supervisors of music, art, and physical training are employed. Manual training is not taught in either the grades or the high school, though some instruction in domestic science is offered. German is an optional study from the third grade through the high school. Four high schools, with somewhat similar courses, are maintained. The public school library, under the control of the Board of Education, contains about 70,000 volumes.

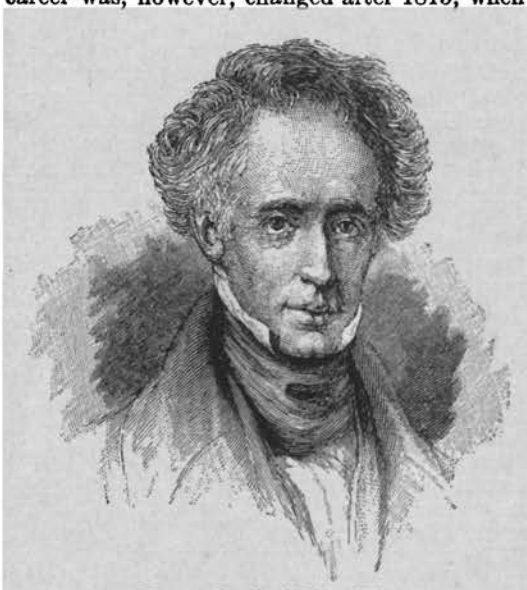
The school system consists of a normal school, 4 high schools, and 37 day elementary schools. 591 teachers (4 in evening schools) and 5 supervisory officers were employed in 1908–1909, 91 of these teachers being employed in the high schools. The total cost for current expenses and maintenance in 1908–1909 was $713,518, 86 per cent of which was raised by local taxation.

E. P. C.

References: —

Annual Reports of the Board of Education of the City of Columbus, 1845 to date.

COMBE, GEORGE (1788–1858). — Phrenologist, born at Edinburgh. He was admitted to the practice of law in 1810. His career was, however, changed after 1815, when



George Combe (1788–1858).

he became interested in the work of Spurzheim (*q.v.*), to whose movement he was converted. He became the leader of the phrenological study in Great Britain, and devoted the rest of his life to it, writing and lecturing on the subject and its applications. In 1819 he published *Essays on Phrenology;* in 1824 the *Elements of Phrenology*; and in 1828 appeared his most important work, *Essay on the Constitution of Man*, which ran through several editions and had great popularity. The movement had been attacked by Sir W. Hamilton (*q.v.*), and defended by Combe. The years 1838–1840 he spent in America on a lecturing tour. While there he interested Horace Mann (*q.v.*) in his work. On his return he wrote *Notes on United States*. In addition to his main study he turned his attention to education and became a strong advocate of secular schools on a national basis. In 1833 he published *Lectures on Popular Education*. Although the study for which Combe stood was early discredited by scientists, it was due to him that a strong popular interest was taken in it for many years after his death.

See PHRENOLOGY.

References: —

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GIBBON, CH. *Life of George Combe.* (London, 1878.)
JOLLY, W. *Education, its Principles and Practice, as Developed by George Combe.* (London, 1879.)

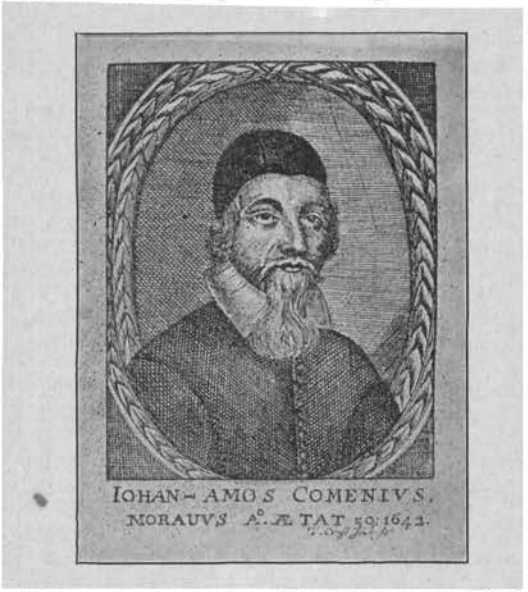
COMBINATION TONE. — A resultant tone which arises from the sounding of two loud tones together. Synonyms, "resultant tone," "third tone." Combination tones embrace difference tones and summation tones. The pitch of the first difference tone corresponds to the difference in the vibration frequency of the two generating tones. The pitch of the summation tone corresponds to the sum of the vibration frequencies of the two generating tones. Thus, in sounding the two tones A′, 435, vibrations, and C″, 522 vibrations, together, the first difference tone will be 87 vibrations (522−435), and the summation tone will be 957 vibrations (435 + 522). Under favorable circumstances, second, third, and even fourth difference tones corresponding to successive differences between the lowest tones present, may be heard. Combination tones play an important rôle in the enrichment of musical clangs. They are most effective when the generating tones are consonant and within the same octave. Like overtones, they ordinarily pass unrecognized in music. Two or more tones of the same pitch become one when sounded together. Thus, three organ tones of the same pitch sounded in different parts of the room will be heard distinctly as one tone which assumes a location in a specific place outside of the sounding instruments. This is called fusion sound or phantom sound, and is, in a way, related to combination tones.

C. E. S.

COMBINED METHOD. — A general term applied to a mixed system of teaching which incorporates the main feature of two or more distinguishable methods. The system of teaching arithmetic partly by "topics" and partly by the "concentric circle" plan is a typical case of a "combined" or "combination" method.

See ECLECTIC METHOD.

COMENIUS, JOHN AMOS (KOMENSKY) (1592–1670). — The pioneer of modern educational science. Although his fame depends almost entirely on his work for education, Comenius would have been the last to admit that he lived for the school alone. Inspired by what he considered to be a higher mission, he was compelled throughout the greater part of his life in spite of his chief interests to devote himself to the work on which his reputation rests. Comenius was born in 1592 at Nivnitz in Moravia, and was brought up by guardians (his parents having died early) in the faith of the Moravian or Bohemian Church. From these he acquired the religious zeal and



piety and earnest devotion to a cause which marked his career. He received an elementary education in the local schools, and showed no intellectual aptitude or scholarship until his sixteenth year. He was then sent to the gymnasium at Prerau. It was thus not until 1608 that he began the study of Latin, a circumstance which was fortunate, for he was old enough to appreciate the inefficiency of the prevailing methods. He saw that what was charged to the idleness of the pupils was really due to the inability of the teachers to present a lesson properly. The schools he later characterized as "slaughter-houses of the mind, . . . where ten or more years are spent in learning what might be acquired in one . . . places where minds are fed on words." In 1612 he matriculated at the University of Herborn in Nassau, where he came into contact with the encyclopedist, Alsted (*q.v.*), who was himself interested in education. About the same period the fame of Ratke (*q.v.*), who had been endorsed by the two universities of Jena and Giessen, was at its height and naturally attracted the attention of Comenius. The two years, 1612–1614, he spent at Amsterdam and Heidelberg. Returning to his native country at the age of 22, and finding himself too young to be ordained for the ministry, he accepted the position of Rector at the gymnasium at Prerau, near Olmütz. And now began the activity and reforms which were to occupy him to the end of his life. For this school he wrote an elementary Latin grammar (*Grammaticae facilioris praecepta*, 1616). At the age of 24 he was ordained, and in 1618 he was appointed pastor over Fulneck, with the additional duties of school superintendent. He was married about this time, and spent two happy years at his work. But the Thirty Years' War had broken out, and in 1621 the Spanish soldiers swept over the region where he lived and destroyed everything. He was forced to flee, and lived for a time on the estate of Karl von Zerotin, reading works on education and familiarizing himself at any rate with the more important writers. In 1622 he lost his wife and children. Five years later the Moravian pastors were proscribed, and found protection with Baron Sadowsky von Slaupna. Here Comenius wrote *Rules of Method* for John Stadius, tutor in the baron's family. He also began in Bohemia a didactic work under the influence of the *Didactic* of Elias Bodinus. In 1628 the greater part of the Moravian community was compelled to take refuge in Poland at Lissa. Among them were Comenius and his wife (he had married for the second time in 1624). Here Comenius became Rector of the Gymnasium of the Moravian Brethren. His work was now inspired by a twofold aim — to reform the schools and to educate the children of his faith for the restoration to their homes according to the current prophecies which were believed by Comenius. But he had no intention of revolutionizing method. He was willing to learn, and read much and entered into correspondence with many prominent educators. Among these was Ratke, who twice refused to vouchsafe a reply. Comenius found what he was seeking among his contemporaries; for example, he found that C. Vogel, principal of the Pædagogium at Göttingen, had introduced a graduated scheme of Latin lessons consisting of words arranged alphabetically, with the German meanings attached, to be combined into sentences. J. C. Frey, in a work on education published in 1629, had advocated the colloquial method of language-teaching and the importance of real studies. Comenius was aiming at a method of teaching which should be universal and time-saving; children were to learn with ease, and the time which was thus saved was to be devoted to studies which were of equal importance — morality and religion. For already Comenius conceived that the end of education was broader than the acquisition of knowledge, and must look to the divine. A better education would heal the dissensions of Church and State. In 1632 he completed the *Magna Didactica*, or *Great*

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for shaping it, and last the structure. The third textbook was the *Atrium Linguae Latinae* to which a complete Latin grammar is prefixed. The text is an enlargement of that of the *Janua*, and prepared for the *Palatium* or *Thesaurus* of works selected from the classical Latin writers. In this period falls the *Orbis Pictus*, or the *World in Pictures*, which was to enjoy greater popularity than any other of Comenius' writings and was to create a new departure in school textbooks. The full title was *The World of Sensible Things drawn; that is, the Nomenclature of all Fundamental Things in the World and Actions in Life reduced to Ocular Demonstration, so that it may be a Lamp to the Vestibulum and Janua of Languages.*" This was probably the first successful application of pictures to school uses. The use of pictures naturally arose from Comenius' advocacy of things before words; when the things could be used, so much the better;

A page of the alphabet from the *Orbis Pictus*.

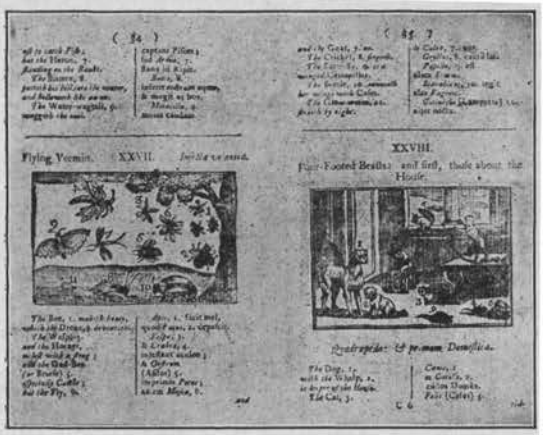
otherwise, pictures could take their place. *Nihil in intellectu quod non prius fuerit in sensu.* In the preface to this work he says: "For it is certain that there is nothing in the understanding, which has not been previously in the sense; consequently to exercise the senses carefully in discriminating the differences of natural objects is to lay the foundation of all wisdom, all eloquence, and all good and prudent action." He had already recommended that the classroom walls should be covered with pictures. The cuts were executed by Michael Endter of Nuremberg. Each object in the pictures was accompanied by a number, and the name was given in the text in Latin and the vernacular. Another experiment of this period, all inspired by the same purpose to objectify the lessons, was a dramatized version of the *Janua*, the *Schola Ludus*, which according to Comenius was greatly enjoyed by the pupils who took part and by the parents who witnessed the performances. Two other interesting works formed part of the scheme of organization — the *Precepts of Manners* (*Praecepta Morum*) and *Laws of a well-ordered School* (*Leges Scholae bene Ordinatae*), — the one dealing with rules of behavior to be expected from boys, the other with principles of school and classroom administration.

In 1654 Comenius took leave of the school at Saros Patak and returned to Lissa, where he again plunged into his pansophic work, buoyed up still more by renewed prophecies of the speedy restoration of the Moravians. His superstitions led him into indiscretions, and when the war between Poland and Sweden broke out, the Moravian community was scattered by the Polish army and Comenius' library was destroyed by fire, including what he regarded as his most precious possession, a *Silva*, or collection of materials on which he had worked for twenty years for his complete Pansophic treatise. Fortunately Comenius found a home at Amsterdam under the protection of Laurence de Geer, a son of his former patron. Here he began a revision of his works for a new edition, wrote an addition to the *Vestibulum* under the title of *Auctarium*, a collection of sentences made up of root words and intended to bridge the gap between the *Vestibulum* and the *Janua*. While at Amsterdam, he was attacked for his Latinity — probably the most vulnerable point in his works — and defended himself in the *Pro Latinitate Januae Comenianae Apologia.* To guard against further attack he wrote a severely critical account of his method in the *Ventilabrum Sapientiae sive sapienter sua retractandi Ars* (*The Fanner of Wisdom, or the Art of wisely retracting one's own Opinions*). In 1657 he published a collected edition of his works in four parts under the following title: *J. A. Comenii Opera Didactica Omnia, Variis hucusque occasionibus scripta, diversisque locis edita; nunc autem non tantum in unum, ut simul sunt, collecta, sed et ultimo conatu in Systema unum mechanice constructum, redacta. Amsterdami Impensis D. Laurentii de Geer. Excuderunt Christophoros Cunradus et Gabriel a Roy. Anno 1657.*

With the publication of his collected works Comenius retired from what he regarded as the disgusting task of writing school books (*Latinitatis studia mihi toties nauseata*), and was encouraged by De Geer to continue his pansophic labors. At the same time he devoted more and more attention to the prophecies and chiliastic hopes, writing a collection of prophecies which he had heard, under the title of *Lux in Tenebris*, followed in 1663 by an up-to-date edition called *Lux e Tenebris.* These works brought him into theological controversies in which he was frequently worsted and finally held up to ridicule and contempt.

Lack of funds prevented much progress on the pansophic work, but in 1666 he completed a *Janua Rerum* which was published in 1681, a metaphysical treatise which embodied the notions of his youth and shows no trace of the influence of inductive reasoning. The last few years of his life were embittered by attacks on his faith in prophecies, which went beyond academic controversy and were directed against his personal character. Comenius died on Nov. 15, 1670, and was buried at Naarden, near Amsterdam.

It remains to give some account of the work which has secured for Comenius a lasting place in the history of education, which in parts was so far ahead of its time as to appear prophetic. This work is certainly one of the most remarkable educational treatises ever composed. Though essays or books on didactics were among the most numerous of the publications of those times, the *Great Didactic* is a remarkable variant from the ordinary type. Both its ideas, or principles, and its arrangement are strikingly modern. On the contrary, the form in which the ideas are expressed, as well as the particular interpretations of the method used,



A page from an early English edition of the *Orbis Pictus*.

are thoroughly colored by the theological character of the age and by the professional training of the author. So sane and far-seeing are the precepts of this work that it may even yet be read with greater immediate profit to the teacher, sufficiently intelligent to avoid many minor errors, than the majority of contemporary educational writings. Some of the main principles of the *Didactic* were embodied in the textbooks, and a solid foundation is laid for the educational development of the succeeding centuries.

The purpose of education is to foster man's inborn tendencies to social life, to acquire knowledge, and to look to God. All human beings are equally entitled to an education without distinction of rank, sex, or ability. The duller pupils require more help than the bright. As for women, they are as capable as the men, and in fact "the more we occupy their thoughts, the less will there be place for the rashness which springs from empty minds." The end of education is social that man may acquire a knowledge of the good, and thus "every one will know how to prepare himself for all the actions and desires of life, within what bounds he shall advance and how his present situation shall be secured." Men need education "that they may be men." Hence the State must undertake to provide schools of different types to afford education up to the age of 24. In the primary stages up to 12, education must be universal and compulsory. Four types of schools are required: The *School of Infancy*, or the Mother School, for the first six years of childhood; instruction here is to be given in the family by the mother in external things, employing also the aid of pictures. Here the beginnings are to be made with those subjects which will be developed more fully on the concentric method in later years: metaphysics, *i.e.* familiarity with general terms and causal relations, physics, *i.e.* knowledge of natural objects around him, optics, astronomy, geography chronology, history, arithmetic, geometry statics, mechanics, dialectic, grammar, rhetoric, economics, polity, morality, religion, and piety. By these high-sounding terms Comenius meant little more than that the child should be given opportunities of expressing himself and of learning something about his environment. But from the foundation thus laid each subject would be expanded in future years on the concentric method.

After the mother school comes the Vernacular School for pupils from 6 to 12. Such a school ought to be established in every little village and association of human beings. The general aim of this school is to develop the inner senses, imagination, and memory, and to train the intelligent citizen. Here the opportunity is given to all human beings to be instructed in all those things that have to do with human affairs. Hence a common minimum is established. With the vernacular school closes the education of those who are intended for the workshop. Boys of ability are to be encouraged to proceed further to the Latin School or Gymnasium for pupils from 12 to 18. Such schools should be established in every city. It is interesting to notice that Comenius had insisted on a system of scholarships as a condition of his undertaking the work at Saros Patak. It is highly probable that he had this in mind in the *Great Didactic* when he suggested that no intelligent scholar should be refused admission to the Latin School merely on account of poverty. The higher school is to train the intellect and judgment. The six years of the course are crowded to the full by the great range of subjects, including the seven liberal arts as well as physics, geography, chronology, history, ethics, and theology. It is a striking

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1, 4';0! -.+ $,0 , - # 6 $,0 6'#+$ 70-9 $*#0 '- 2 440#2'%! 05*2%$' - '+ % 4%$$0# 6 + 40 5'+:*$0 $,%+ 6#0U*0-$!8 ;00- %$$#';9 *$05 $ $,0 %; 70?40-$' -05 %#8!0$$ 6 ,'!%50!:,'% 1, 0+$%;!'+,05 %+2, ! $,0#0 '- >)MJ $:# 7'50 $,0 +*;+$'$*$0 6 #%:9 :#0-$'20+,': 6 1,'2,,0 ,%5 ,'4+0!6 60!$ $,0 -005 8 $,0#+ $,0 , - # '+ 2!%'405 6 # (%40+ 0--0$$ %01 #3 %22 *-$%-$ 1, +004+ $ %70 2 -5*2$05 %:#'7%$0 +2, ! '- 1,'2,; 3300:'-.%-5 -%7'.%$' - 10#0 $,0 :#'-2':%! +*;&02$+ + 40 $'40 ;0$100- >)>) %-5 >)JO ,0 0E%2$ 5%$0 1,0-$ $,0 +2, ! 1%+ ;0.*- '+ - $ 3- 1- (%40+ #5 - 0--0$$ 1'$,1, 4 (%40+ 0--0$$ '+ 6#09 U*0-$!8 2 -6*+05 %-- *-205 %+2, ! 6 $,'+ 3'-5''- >)NM ;*$ '$ '+ 5 *;$6*!' '6 '$ 1%+ 070# 0+$%;!'+,05 $,0# 0%#!8 +2, !+ 10#0 6 *-505 ;8 0$0# *66 6 '$$+;*#. 0 #.0 40# 6 +$ - %-5 (-%$,%-(-0+ 6 $ *'+ +$ 6 $,0+0 0%#!8 +2, !+ ,%5 ; 3300:'-. %+ $,0'# 6 *-5%$' - +*;&02$,0#0 10#0 + 40 , 1070# 6 +!'.,$!8 5'660#0-$ #'.'- ,08 10#0 ;0.*- ;8 '$'-0#%-$:0-40- +*2, %+ '!%+ %23%#5 %-5 !%$$:0-20# 1, 6 #405 :0-4%-+,': 2!%++0+ '- 7%#' *+ 2'$'0+ # 4 $,0+0 2!%++0+ +2, !+ 6$0- +:#%-. *:' ,0 -*4;0# 6 $,0+0 ;*+'-0++ +2, !+ +00 4+ $,%70 '-2#0%+05 1'$,4 #0 #%:'5'$8 $,%- $,0'# U*%!'$8 0-4%-+,': %-5 ; 3300:'-. 10#0 +$'!! $,0 4%4 +*;&02$+ 1'$,6#0U*0-$!8 $,0 %55'$' - 6 2 440#2'%! %#'$,40$'2 %-5 2 49 40#2'%! !%1 %$0# +$0- .#%:,8 %-5 $8:09 1#'$'-. 2%40 '- *$ '- .0-0#%! $,0 '-+$#*29 $' - .'70-' 1%+ :*#0!8 $02,-'2%! *$'!'$8 #%$,0# $,%- 2*!$*#%! 7%!*0 1%+ + *.,$,0 '-+$#*2$ #+ 10#0 6#0U*0-$!8 40- 6 506'2'0-$ 05*2%$' - 0+:02'%!!8 '- -.!'+,2 4: +'$' - %-5 '- 4%-8 2%+0+ 0-2 *#%.05 0E$#040!8 402,%-'2%! 40$, 5+ 6 1 #3

,%$ 1%+ 4 #0 +0#' *+ $,0 %'4+ 6 05*2%9 $' - 10#0 6$0-' 5060%$05 ;8 $.#0%$ %-' -9 6!*0-20 6 $,0 4 -08?4%3'-. +:'#'$ '- $,0 4%-%.040-$ 6 $,0 +2, !+ -0#.0$'2 %-5 #0+ *#206*!' 40-' 0+$%;!'+,05 2,%'-+ 6 ;*+'-0++ +2, !+ '- %' -*4;0# 6 2'$'0+ $,# *., *$ $,0 2 *-$#8 ,0+0 $,08 :!%205 '- 2,%#.0 6 8 *-. 40- %+ 4%-%.0#+ 1, 10#0 $ +,%#0 '- $,0 :# 6'$+ ,0 4 +$ '4: #$%-$ 6 $,0+0 2,%'-+ 1%+ $,%$ 0+$%;!'+,05 ;8 #8%-$ %-5 $#%$$ - 1, +0 066 #$+ ;0.%-' -'>)QJ %-5 #0+*!$05 ;8 >)OJ '- % +$# -.2 4;'-%$' - 6 +2, !+ $ $,0 -*4;0# 6 6'6$8 # 4 #0 %!! *-50# $,0'# .0-0#%! 4%-%.040-$ +*29

20++6*!' 10#0 $,08 $,%$ %; *$ >)KO $,08 4%50 %- %$$04:$' $ 4 - : !'G0 $,0 6'0!5 6 2 4 4 0#9 2'%! 05*2%$' - ;8 2#*+,'-. %!! 2 4:0$'$' - 6 $,0# ;*+'-0++ +2, !+ -$0#-%! 5'++0-+' -+ %-5 : +'$' - ;8 $,0 4%-%.0#+ 6 4%-8 6 $,0'# ;#%-2,0+ %-5 $,0 6%'!'-. ,0%!$, 6 # $#%$$ - $,0 #0%! 5'#02$ # 6 $,0 #.%-'G%9 $' - 4%50 $,'+ :!%- '4: +'; !0 6 0E02*$' - $,0# %++ 2'%$' -+ 6 2 440#2'%! +2, !+ 10#0 ;0.*-''- >)OO ;*$ - -0'# +0 $ $,0 2 44%-59 '-.: +'$' - 0-& 805 ;8 $,0 #8%-$%-5 $#%$9 $ - 2,%'-''-$,0 0%#!8 OK‖+ ,0'-$0-+0 2 49 :0$'$' - 1,'2,6 !! 105 1%+ :# 5*2$'70 6 %+ .#0%$ 07'!+ %+ $,0 4 - : !'+$'2 +8+$04 :09 2'%! -5*2040-$+ 10#0 660#05 $:%#$?$'40 +$*9 50-$+ -+ 40 2%+0+ $,0 -!8 #0U*'#040-$ 6 # 0-$#%-20 1%+ $,0 -020++%#8 600 %+$ +*4+ 6 4 -08 10#0 +:0-$ '-'%!! 3'-5+ 6 %59 70#$'+'-. #%++;%-5+ +$*4:+:002,0+ %-5 :0-4%-+,':0E,';'$' -+ %$ 2 *-$8 6%'#+ %-5 $,0 !'30 10#0 %4 -. $,0 +2,040+ #0+ #$05 $;8+ 40 6 $,0 %..#0++'70 R 05*2%$ #+ S $'+ - $+*#:#'+'-.''-'7'01 6 $,'+ $,%$ $,0#0 10#0 4%-8 2,%#!%$%-+''-$,0 6'0!5 %-5 $,%$ $,0 1 #3 +*660#05 %22 #5'-.!8 -+:'$0 6 $,0 07'!+ $,0 +2, !+ .#01''- *4;0# %-5''+'GO 1'$, %+$ -'+,'-. #%:'5'$8 ,08 6*#-'+,05 $#%'-9 '-.$,%$ 1%+ - $ $;0 ;$%'-05 0!+01,0#0 %-5' +0#705 %- 0E$#040!8 *+06*!' %-5 -020++%#8 :*#:+0 # 4 %-0-# !!40-$ 6 %$ 4 +$ % 601 +2 #0 +$*50-$+'- >)MK $,08 -2#0%+05 '-' ,%!6 % 20-$*#8 $ 4 #0 $,%- >KK KKK ,0'# ''-+$#*2$' -+$'!! '#04%'-05 7 2%$' -%!;*$ '$,%5 ;02 40 4 #0 ;# %5 %-5 $, # *., %-5 '$ 1%+ %!1%8+ :#%2$'2%! ,08 ,%5 %#'+0-' $ 6'!! %-005 %-5 $,0'# +*220++ +, 1+ $,%$ $,08 5'5 %22 4:!'+,$,0 0-5 $,08 + *.,$ -%40!8 $,0 :#0:%#%$' -6 40-6 # ;*+'-0++ 2%#00#+' - >)PJ %22 #5'-. $ $,0 -'$05 $%$0+ *#0%* 6 5*2%$' -6'.*#0+ $,0#0 10#0 >>Q LM +$*9 50-$+ 0-# !!05 '- :#'7%$0 2 440#2'%! %-5 ;*+'-0++ +2, !+ '- $,'+ 2 *-$#8 ,0 -*49 ;0# 1%+ :# ;%;!8 4*2, !%#.0# '- #0%!'$8 6 # 4%-8 6 $,0 +4%!!0# +2, !+ 6%'!05 $ #0: #$ 0%2, 80%# #0 70# $,0 6%2$ $,%$ 4 +$ 6 $,0 :#'7%$0 ;*+'-0++ 2, !+ 2%!!05 $,04+0!70+ R ;*+'-0++ 2 !!0.0+ S %-5 $,%$ +40 6 $,04 #0: #$05 $ $,0 *#0%* *-50# $,0 ,0%5 6 2 !9 !0.0+ 2%*+05 + 40 2 -6*+' - '- $,0 6'.*#0+ 6$0# >)PJ?>)PM '$,0'0-# !!40-$ '-$,0" :#'7%$0 2 440#2'%! +2, !+ 5'4'-'+,05 6 # +070#%! 80%#+ ,'+ 1%+ 5*0 :%#$!8 $ .0-0#%! ;*+'9 -0++ 50:#0++' - *$ %- $,0# #0%+ -4%8 ;0 6 *-5 '- $,0 6%2$ $,%$ $,0 :#'7=%$0 2 440#2'%! +2, !+ 10#0+*;&02$05 $ $+$# -.0# 2 4:0$'$' - 6# 4 $,0# + *#20+ *;!'2 ,',+2, !+ - #4%! +2, !+ %-5 *-'70#+'$'0+ 10#0 660#'-. 2 440#2'%! '-+$#*2$' - 40 6 $,04 ,%5 5 -0 $,'+ 070-' 0%#!'0# ,0 ,%#$ -2, ! 6 '-%-20 %-5 --*-0#20 1%+ '-+$'$*$05 '- $,0 -'70#+'$8 6 0--+8!7%-'%' '- >))> -*4;0# 6 *;!'2 ',2, !+ %; *$ $,0 +%40 $'40 660#05 $1 ?80%# 2 *#+0+ 6 # 2 49 40#2'%! +$*50-$+ *$ $,08 ,%5 - $:# 705 70#8 +0#' *+ 2 4:0$'$ #+ *:' $ >)PJ?>)PM

-s $,%$ 80%# -'$05s $%$0+s *#0%*s 6s 5*2%9 $' -s +$%$'+$'2+s +, 105s -!8s >Q NNKs +$*50-$+s :*#+*'-,s 2 4 4 0#2'%!s +$*5'0+s '-s :*;!'2s ,'.,s +2, !+s %-5s $,0s $ $%!s '-s '-+$'$*$' -+s $,0# $,%-s :#'7%$0s 2 4 4 0#2'%!s +2, !+s 1%+s - $s 4*2,s !%#.0#

'$s 1%+s %; *$s $,'+s $'4 0s $,%$s $,0s -01s 0#%s 6s 2 4 4 0#2'%!s 05*2%$' -s ;0.%-s '-s $,0s -'$05s $%$0+s ,0s 80%#+s 6# 4s >)PNs $ s $,0s :#0+0-$,%70s ;00-s 6*!!s 6s 5070! :40-$s %-5s '4:# 709 40-$s %-5s $,0s #0%!s ,'+$ #8s 6s2 4 4 0#2'%!s 05*9 2%$' -s '-s $,0s -'$05s $%$0+s 4%8s ;0s +%'5s $ s ;0s '-2!*505s 1'$,'-s $,'+s :0#' 5s -s >)PKs # 9 60++ #s 54*-5s (s (%40+s 6s $,0s ,%#$ -s 2, !s '-s %-s %55#0++s ;06 #0s $,0s 40#'2%-s %-30#+ ++ 2'%$' -s 0E:#0++05s ,'+s ;0!'06s '-s $,0s 7%!*0s 6s $,0s *-'70#+'$8s +2, !s 6s2 4 4 0#20s %-5s ,'+s '50%+s 6s 1,%$s '$s +, *!5s '-2!*50s -s >)PNs ,0s 4%50s %s :!0%s 6 #s $,0s 0+$%;!'+,40-$s 6s +0:%#%$0s 2 4 4 0#2'%!s ,'.,s +2, !+s -s >)PNs %!+s $,0s *+'-0++s 5*2%$ #+ ++ 2'%$' -s #.%-'G05s '-s >)L)s '-s 01s #3s %-5s2 4:+05s 6s $0%2,0#+s '-s :#'7%$0s 2 4 4 0#2'%!s +2, !+s 6 #s $,0s 4 +$:%#$s ;02%40s $,0s 0:%#$40-$s 6s *+'-0++s 5*9 2%$' -s 6s$,0s %$' -%!s 5*2%$' -%!s ++ 2'%$' -s >)PMs '$,0!5s '$+s 6'#+$ 400$'-.s %$ +;*#8s %#3s%-5s + -s 0E0#$05s% 4%#305s '-6!*0-20s '-s +8+$04%$'G'-.s%-5s '4:# 7'-.s $,0s 1 #3s 6s $,0s :#'7%$0s 2 4 4 0#2'%!s +2, !+s $s ,%+s %!+s ,%5s %s .#0%$s 50%!s $s 5s 1'$,s $,0s '4:# 7040-$+s '-s 2 4 4 0#2'%!s 05*2%$' -s '-s :*;!'2s +02 -5%#8s +2, !+

-$'!s %; *$s >PKKs :# .#0++s 1%+s +! 1s +s 6%# %+s *$1%#5s 5070! :40-$+s '-s 2 4 4 0#2'%!s 05*9 2%$' -s %#0s 2 -20#-05s ;*$s %s .#0%$s 50%!s 1%+s ;0'-.s 5 -0s '-s %+'!0-$ 1%8s ;$,s ;8s 05*2%$s #+s %-5s ;8s ;*+'-0++s 40-s %!!s 70#s $,0s 2 *-$#8s +s 1%+s +$%$05s %; 70s $,0s :#'7%$0s 2 4 4 0#2'%!s +2, !+s ,%5s %s :0#' 5s 6s 502!'-0s %$0#s >)PMs -s >)P)?>)PPs $,0'# 0-# !!40-$s 1%+s #0: #$05s $s ;0s -!8s LK>)Os *$s 1'$,s $,0s :0-'-.s 6s $,0s -01s 20-$*#8s $,08s#0.%'-05s $,0s 6 #40# !070!s %-5s 6# 4s $,%$s $'40s *-$'!s >PK)s +$0%5'!8s '-2#0%+05s '-s -*4;0# %-5s '-s U*%!'$8s 6s '-+$#*29 $'-s -s >PKM?>PKQs $,0s -*4;0# 6s +2, !+s #0: #$'-.s $s $,0s -'$05s $%$0+s *#0%*s 6s 5*2%$' -s 1%+s QNJs 1'$,s >MO K)Os +$*50-$+s 0-9 # !!05s -s >PKL?>PK)s $,0#0s 10#0s QQ)s +2, !+s #0: #$'-.s >QM POJs +$*50-$+s %-5s '-s >PK)?s >PKPs $,0#0s 10#0s QLMs +2, !+s1#0: #$'-.s >MO N))s +$*50-$+s ,0s6 !! 1'-.s 80%#+, 105s%6*#$,0# 502#0%+0s $s QM>s +2, !+s 1'$,s >JM LL)s +$*50-$+s '-20s $,0s ;0.'--'-.s 6s $,0s 20-$*#8s $,0# !'-0+s 6s 2 4 4 0#2'%!s 05*2%$' -s ,%70s +, 1-s 070-s .#0%$0# %-5s +$0%5'0# 5070! :40-$s ,'+s 5070!9 :40-$s5 0+s -$ %:0%#' -s $,0s +$%$'+$'2+s 6s $,0s *#0%*s 6s 5*2%$' -s 6#>PKP?>P>K's +, 105s $,0s 6 !! 1'-.s 2 -5'$' -+s '-s $,0s 7%#' *+s ;#%-2,0+s 6s2 4 4 0#2'%!s 05*2%$' -s ↑ /

' ' * % & % + %

-'70#+'$'0+s %-5s2 !!0.0+s *;!'2s%-5:#'7%$0s-#4%! +2, !+	OO	QKLJ	LNL	Q)KK
#'7%$0s ,'.,s +2, !+s %-5 %2%50 4 '0+	JM	LPL	)NQ	>ONN
;!'2s,'.,s +2, !+s %-5 4 4 0#2'%!s %-5s ;+'-0++s +2, !+	QMKs >MMK	QLQJ JQ >QQ	MMJ) MO KPM	>K >P>)> NMP
$ % !	QM> NON>	LN))L >>P OOQ	O>)P> >>J PLQ	>JM LL) NJJ OMK

,0s #'7%$0s 4 4 0#2'%!s 2, !s /s 70-s 1'$,s $,0s .# 1$,s 6s $,0# 6 #4+s 6s2 4 9 40#2'%!s 05*2%$' -s $,0s :#'7%$0s 2 4 4 0#2'%!s +2, !+s +$'!!s 22*:8s % 70#8s '4: #$%-$s %-5s -020++%#8s :!%20'%-5s 1'!!s :# ;%;!8s2 -$'-*0s $s 22*:8s '$s -s %'4+s %-5s 40$, 5+s $,08s 5'660# !'$$!0s 6# 4s $,0s 0%#!'0+$s +2, !+s 6s $,0s 3'-5s $,08s +$'!!s .'70s 7 2%$' -%!s '-+$#*2$' -s % +*;9 +$'$*$0s 6 #s %::#0-$'20+,':s 70#8s 80%#s $,08s $#%'-s ,*-5#05+s 6s $,s *+%-5+s 6s 8 *-.s 40-s %-5s 8 *-.'1 40-'-'$,0s *+0s 6s $,0s !+s 6s $,0s ;*+'-0++s:# 60++ -+s ,0s -!8s #0%!s 5'660#0-20+s - 1s %#0s '-s $,0s -*4;0# 6s $!+s %-5s '-s $,0s U*%!'$8s 6s '-+$#*2$' -s ,0s 0%#!'0+$ +2, !+s $%*.,$ 2,'06!8s ; 3300:'-.s %-5s :0-4%-+,':s $, +0s 6s $,0s :#0+0-$ $'40s '-2!*50s - $s -!8s $,0+0s ;*$ %!+s 2 4 4 0#2'%!s %#'$,40$'2s 2 4 9 40#2'%!s !%1s 2 ##0+:-50-20s ;*+'-0++s 6 #4+s $8:01#'$'-.s +, #$,%-5s %-5s + 40$'40+s $,0#+s 40s +2, !+s .'70s '-+$#*2$' -s '-s .0 .#%:,8s +:0!!'-.s %-5s $,0s !'30s ;*$ $,0+0s %#0s *+*%!!8s 6 #$,0s :*#:+0s 6s +*::!&5-.s 506'2'0-2'0+s '-s :#0:%#%$ #8s $#%'-'-.s #%$,0#s $,%-s 6 #s %-8s 2*!$*#%!7%!*0s 6s $,0'# 1-s ,0s +2 :0s 6s '-9 +$#*2$' -s '-s $,0s ;0+$s 6s $,0s :#'7%$0s ;*+'-0++s +2, !+s '+s '-5'2%$05s ;8s $,0s 6 !! 1'-.s +*.9 .0+$'70s *$!'-0s 1,'2,s 1%+s :#0:%#05s ;8s %2 4 4 '$$00s 6s $,0s 0:%#$40-$s 6s *+'-0++s 5*2%$' -s 6s$,0s %$' -%!s 5*2%$' -%!s ++ 2'%9 $' -s'-s>)PQ%-5:*;!'+,05;8s$,0s -'$05s $%$0+s 4 4 '++' -0# 6s 5*2%$' -s'-s>)P)

%$,04%$'2+s H%Fs 3300:'-.s H Fs #'$,9 40$'2

#'$'-.s H%Fs 0-4%-+,':s H Fs , #$,%-5s H2Fs 8:01#'$'-.

*+'-0++s H%Fs *+'-0++s #%2$'20s 42*s $,0s '+$ #8s 6s 4 4 0#20s H2Fs 4 4 0#2'%!s 0 .9 #%:,8

-.!'+,s H Fs :0!!'-.s 42*s #%4 4 %#s H2Fs *+'-0++s ##0+:-50-20s H5Fs 4:+'$' -s %-5s ,0$ #'2s 4*s *;!'2s :0%3'-.

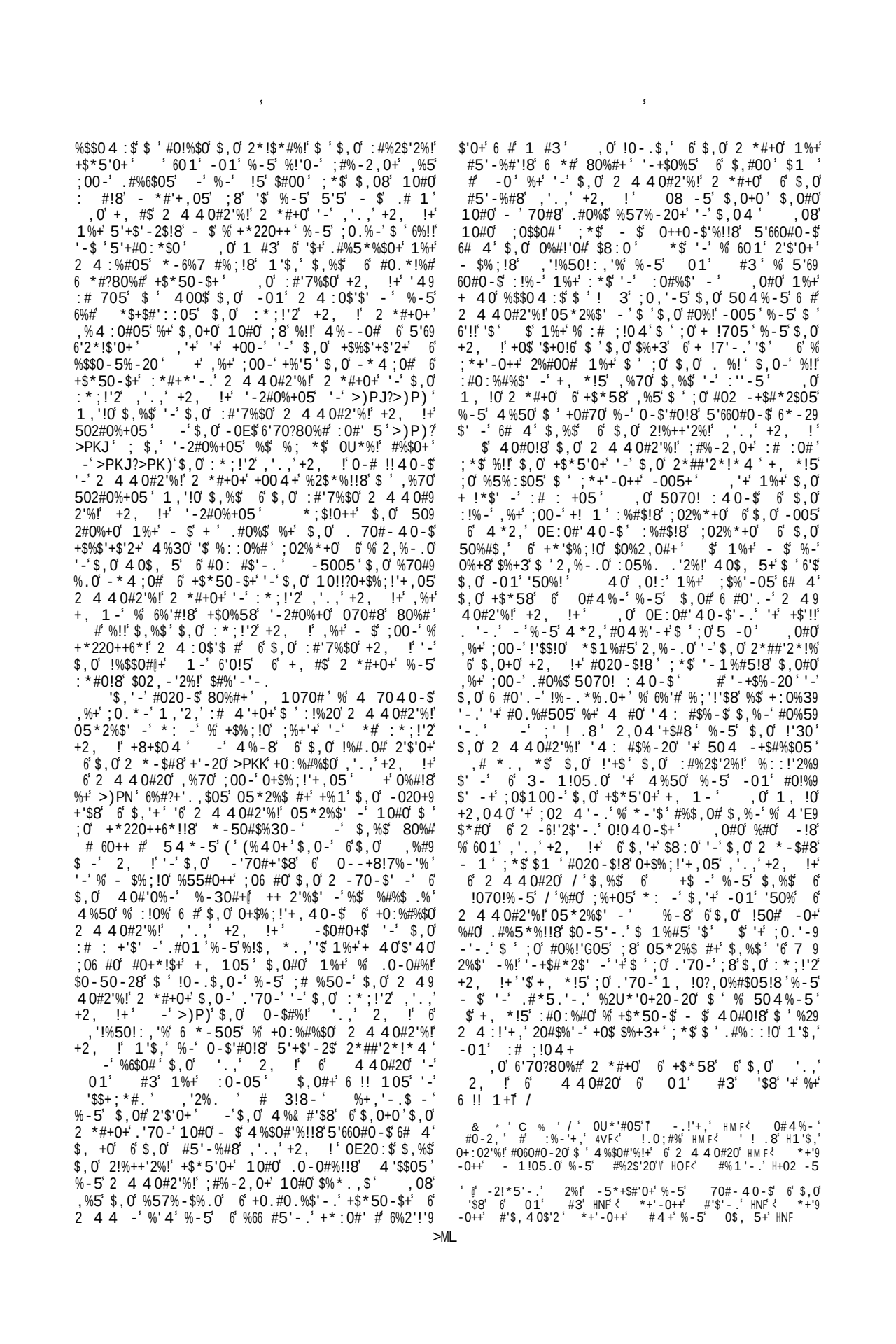
'7'2+s H%Fs 4 4 0#2'%!s %1s H Fs '7'!s 79 0#-40-$s H2Fs 2 - 4'2+

-s $,'+s +*..0+$05s 2*##'2*!*4s ; 3300:'-.s 1%+s #0.%#505s %#s $,0s 6 *-5%$' -s +$*58s +s %4%$$0#s 6s 6%2$' 601s +2, !+s .'70s '-+$#*2$' -

'-' %!!' $,0' 2 *#+0+' '-' $,'+' !'+$' ; *$' $,%$' '+' !%#.0!8' ;02%*+0' 6' !%23' 6' 504%-5' 6# 4' $,0' +$*50-$+' ,08' *+*%!!8' 50+'#0' -!8' $,0' 4 #0' $02,-'2%!' 1 #3

$*50-$+' 1,' %#0' .#%5*%$05' 6# 4' $,0+0' +2, !+' *+*%!!8' ,%70' +*66'2'0-$' 4%+$0#8' 6' $,0' $!+' $ ' 0-%;!0' $,04' $ ' 0%#-' %' !'70!', 5' '4 405'%$0!8' %-8' 6' $,04' ,%70' %$%'-05' ,'.,' : +'$' -+' '-' $,0' ;*+'-0++' 1 #!5' ,0' 2 4:0$'$' -' ;0$100-' $,0' +2, !+' '-' !%#.0' 2'$'0+' ,%+' ;00-' 300-' 0-*.,' $ ' #%'+0' $,0' +$%-59 %#5' 6' '-+$#*2$' -' 70#8' 502'505!8' %-5' $,0' ;0+$' 6' $,04' -1.'70' %' $, # *.,' %-5' :#%2$'2%!' $#%'-'-.' '-' 2 4 40#2'%!' +*;&02$+' /' %' ;0$$0#' $#%'-'-.' '-5005' $,%-' '+' .'70-' ;8' $,0' 4%& #'$8' 6' :*;!'2' ,'.,' +2, !+' %! -.' $,0+0' !'-0+' -' %55'$' -' $,0' 1 #+$' 07'!+' 6' 2,%#!%$%-'+4' ,%70' ;00-' 0!'4'-%$05' +'50' 6# 4' $,0' + 409 1,%$' -%## 1' %-5' $02,-'2%!' 2,%#%2$0#' 6' '-9 +$#*2$' -' $,0' 1 #+$' 6%*1$' $,%$' +$'!!' #04%'-+' '+' '-' $,0' 402,%-'2%!' 40$, 5+' $,%$' %#0' *+05' ,0#0' '+' $ ' .#0%$' %-' '-+'+$0-20' *: -' #*!0+' %-5' $ ' !'$$!0' *: -' :#'-2':!0+' ,'+' 6%*!$' '+' 5*0' $ ' $,0' 70#8' 7'#$*0' 6' $,0' +2, !+' $,0'#' :#%2$'2%!'$8' 1,'2,' ! 3+' -' 6%#$,0#' $,%-' %-' '4 405'%$0' #0+*!$' ,0' :0#6 #4%-20' 6' $%+3+' #%$,0#' $,%-' $,0' + !7'-.' 6' :# ;!04+' '+' $,0' 0-5' $,%$' '+' + *.,$' '4'!%#!8' 0E$0#-%!+' %#0' 6#09 U*0-$!8' #0.%#505' %+' 6' $ ' .#0%$' '4: #$%-20' ,0' 2 ##02$' +!%-$' %-5' *-'6 #4'$8' 6' !0$$0#+' %#0' ,'.,' '50%!+' $ ' ;0' .%'-05' 6' 2 *#+0' '$' '+' $#*0' $,%$' 4%-8' ;*+'-0++' 40-' 504%-5' $,%$' 3'-5' 6' 402,%-'2%!' 0E20!!0-20' '-' $,0'#+*; #5'-%$0+' #%$,0#' $,%-' ;#%'-+' %-5' '-'$'%$'70' $'!!' '$' 4*+$' ;0' +%'5' $,%$' $,0' 2 4 40#2'%!' 05*2%$' -' 6' $,0' :#'7%$0' ;*+'-0++' +2, !+' '+' 6%# 6# 4' 05*2%$' -%!' '-' '$+' $#*0' +0-+0' $' $#%'-+' $,0' 4'-5' ;*$' 5 0+' !'$$!0' $' 5070! :' '$' -' 6'-0' $,0+0' +2, !+' 4*+$' ;0' #0.%#505' -!8' %+' $#%50' +2, !+' ,0' 6#%-30+$' 6' $,04' 5' - $' %$9 $04:$' $' 50-8' $,'+' 6%2$' -+$0%5' $,08' %.#00' $,%$' $,'+' '+' $,0'# 5'+$'-2$'70' 6*-2$' -' %-5' 2!%'4' $,%$' '$' '+' 70#8' -020++%#8' ,08' %22 4:!'+,' $,0' #0+*!$+' $,08' %'4' %$' 4 #0' 2 4:!0$0!8' $,%-' %-8' $,0# +2, !+' 2%-' ,0-9 070# $,0#0' '+' -' ! -.0# %' 504%-5' 6 # $,'+' 3'-5' 6' $#%'-'-.' $,08' 1'!!' 2,%-.0' $,0'# 2,%#%2$0#' +'-20' $,08' %#0' 6 #205' $ ' ;0' +0!6?+*:: #$'-.' *$' 6 #' :#0+2-$ -005+' '-' 7 2%$' -%!' $#%'-'-.' $,08' %#0' +*66'2'0-$' $' '+' $ ' 4*2,' $ ' 0E:02$' $,%$' $,0+0' +2, !+' 1'!!' 070# %.%'-' !0%5' $,0' 1%8' '-' 2 4 40#2'%!' 05*2%$' -' ;*$' '$' '+' 20#$%'-' $,%$' $,08' 1'!!' -$' ;0' +! 1' $' 400$' $,0' -1' 504%-5+' $,%$' %#0' %#'+'-.' 5%'!8' ,0'# 0E9 '+$0-20' 50:0-5+' *: -' '$' %-5' 0E:0#'0-20' ,%+' %!#0%58' $%*.,$' '$+' !0++ -

,0' *;!'2' '.,' 2, !'/' 4 40#2'%!' 05*9 2%$' -' '-' $,0' :*;!'2' +2, !+' '+' +$'!!' '-' $,0' 0E:0#'40-$%!' +$%.0' $' ,%+' -070#' ;00-' 2-9 +:'2* *+!8' +*220++6*!' -' #,%+' '$' *-$'!' #020-$!8' ;00-' 6' %' 3'-5' $,%$' :# 4'+05' 4*2,' %57%-20' 6# 4' $,0' :#'7%$0' 2 4 40#2'%!' +2, !+' $' ,%+' 4%50' '$+' 1%8' 1'$,' 5'66'2*!$"-' %-5' $,0#0' '+' +$'!!' %. 5' 50%!' 6' +*+:'2' -' %-5' + 40' %-$%. -'+4' 5'#02$05' %.%'-+$' '$' -' '$+',+$ #8' $,0' 10%39 -0++' 6' *#:*;!'2' 05*2%$' -%!' +8+$0 4' '+' 4%50' %:: %#0-$' -' $,0' 6'#+$' :!%20' *#' 05*2%$' -%!' +8+$0 4' ,%+' -$,'-.' 6' $,0' 2 4:%2$-0++' %-5' *-'$8' 6' $, +0' 6' 4%-8' 6 #0'.-' 2 *-$#'0+' -$9 %;!8' 0#4%-8' -$# !' '+' +' !%#.'-!8' ! 2%!' $,%$' $,0#0' '+' 5'66'2*!$8' '-' '-+$'$*$'-.' %' -01' 4 7040-$' 1'$,' %-8' 50.#00' 6' *-%-'4'$8' *2,'$'40'%-5'0-0#.8' '+' 1%+$05' ;8' $,0' +070#%!' +$%$0+' %-5' 2'$'0+' '-' 4%3'-.' 0E:0#'40-$+' %-5' 4*2,'4 #0'$'40'+! +$' '-' 1%'$'-.'6 #' $,0#+' $' 4%30' $,0' 0E:0#'40-$+' $' 1%+' 1'$,' 5'66'2*!$8' $,%$' 070-' +*2,' + ?2%!!05' R' '-- 7%$' -+' S' %+' 4*+'2' 5#%1'-.' %-5' :,8+'2%!' $#%'-'-.' ;$%'-05' #'÷2 .-'$' -' %+' 50+'#%!F!0' 6%2$ #+' '-' :*;!'2' +2, !' 05*2%$' -' -' %' +'4'!%#' 1%8' $,0' '-9 $# 5*2$' -' 6' 2 4 40#2'%!' +$*5'0+' 1%+' #0$%#505' ;8' $,0' !%23' 6' %-8' *-'6'05' +8+$0 4' %-5' $,0' .0-9 0#%!' 2 -+0#7%$'+4' 6' 05*2%$ #+' - $,0# ;9 &02$' -' 1%+' $,%$' $,0#0' 1%+' -' :!%20' 6 #'$' -' $,0' :#'4%#8' +2, !+' '$ 1%+' 6' 2 *#+0' *$' 6' $,0' U*0+$' -' ,0' +02 -5%#8' #,'.,' +2, !+' H#0' .0-0#%!!8' #0.%#505' %+' +$0::'-.' +$ -0+' $ ' 2 !!0.0' %-5' 10#0' 5 4'-%$05' ;8' $,0' 2!%++'2%!' 0!040-$' 0#$%'-!8' 2 4 40#2'%!' +$*5'0+' 10#0' -$' %2%504'2' -5' %!$, *.,' -!8' % +4%!!' :%#$' 6' $,0' +$*50-$+' '-' $,0' ,'.,' +2, !+' 10-$' $' 2 !!0.0' '$' 1%+' 60!$' $,%$' 070-' $, +0' 1, ' 5'5' -$+, *!5' ;0' .'70-'%+*;+$'$*$0' '-' $,0' 1%8' 6' 2*!$*#0' + ' 6%#' %+' : ++';!0' ,0#0' 1%+' - ' # 4'6 #' :#%2$'2%!' #' 7 2%$' -%!' '-+$#*2$' -' #' 10#0' $,0#0' %-8' :# :0#!8' 0U*' : :05'$0%2,0#+ *$' $,0' 504%-5' ;02%40' $ ' '-+'+$0-$' $ ' ;0' *-,00505' %-8' +$*50-$+' !06$' $,0' :*;!'2' ,'.,' +2, !+' 0%#!8' '-' $,0'# 2 *#+0' $ ' 0-$0#' $,0' :#'7%$0' ;*+'-0++' +2, !+' 1,0#0' $,08' 4'.,$' ;$%'-' :#0:%#%$' -' 6 #' $,0'# 6*$*#0' 2%#00#+' %$*#%!!8' $,0#0' 1%+' + 40' 4*#4*#'-.' -' $,0' :%#$' 6' $%E:%80#+' 1, ' 60!$' $,%$' $,0' :*;!'2' +2, !+' $,08' :%'5' 6 #+, *!5' .'70' $,0' 05*2%$' -6 #' 1,'2,' $,0'# + -+' %-5' 5%*.,$0#+' %+305' 1,0$,0#' '$' ! 305' $ 1%#5' %' :# 60++' -%!' #' %;*+'-0++' 2%#00#' 2'#$'$'6'2' 2 *#+0+' 10#0' .'70-' '-' 4 +$' 6' $,0' !%#.0#',.,' +2, !+' / '1,8' - $' 2 4 40#2'%!c' -' #0+:-+0' $ ' $,0' 504%-5' +, #$ 2 4 40#2'%!' 2 *#+0+' 6' $1 ' 80%#+' H%-5' + 40$'40+' 6' -!8' -0F' 10#0' 660#05' '-' 4%-8' ,'.,' +2, !+' ;06 #0' >)PK' ,0' 4 7040-$' #%:'5!8' 0E$0-505' $,# *., *$' $,0' 2 *-$#8' -' >)PJ' $,0#0' 10#0' >Q NNK' +$*50-$+' '-' $,0' -'$05' $%$0+' '-' $,0+0' 2 *#+0+<' '-' >)PQ' $,0#0' 10#0' JK JJK' -' $,0' 80%#+' >)PJ?>)PP' $,0'# -*4;0#+' '-2#0%+05' 1,'!0' $,0' 0-# !!40-$ 6' $,0' :#'7%$0' ;*+'-0++' +2, !+' 5H'2#0%+05' ,'+' 4'.,$' +004' $ ' '-5'2%$0' $,%$' $,0' 2 *# +0+' 10#0' +*220++6*!' %-5' 10#0' %' . 5' +*;+$'$*$0' 6 # $,0:#'7%$0' 2 4 40#2'%!' +2, !' 2 *# +0+' *2,' 1%+' 6%#' 6# 4' ;0'-.' $,0' 2%+0' ,0' 4%& #'$8' 6' $,04' 10#0' : #<' + 40' 10#0' ;%5' ,08' ,%5' 2 40' ;02%*+0' $,0' 504%-5' 1%+' $ ' +$# -.' $ ' ;0' #0+'+$05' ;*$' $,08' ,%5' !'$$!0' 0-2 *#%.09 40-$ 6# 4' %; 70' ,0' :*;!'2' 05*2%$' -%!' +8+$0 4' ,%5' +'4:!8' %220:$05' $,04' %+' % -020+9 +%#8' 07'!' %-5' ,%5' +!%7'+,!8' '4'$%$05' $,0' :#'9 7%$0' +2, !+' ,0' 40$, 5+' %-5' $,0' U*%!'$8' 6' '-+$#*2$' -' 10#0' '-60#' #' ,0#0' 1%+' !'$$!0



,%!6' 80%#F H>F<' ,8+'2%!' #%'-'-.I' HNF<' *+'2' H>F<' $%!' NO' :0#' 5+
, ' # ' C % ' / ' 0U*'#05T' -.!'+,' HJF<' 0#4%-' #0-2,' #' :%-'+,' HMF<' !%-0' 0 4 0$#8' HJF<' ,0 4'+9 $#8' H1'$,' 0+:02'%!' #060#0-20' $ ' 4 %$0#'%!+' 6' 2 4 4 0#20F HMF<' '+$ #8' I H1'$,' 0+:02'%!' #060#0-20' $ ' 02 - 4'2' ,'+9 $ #8' %-5' .0 .#%:,8F HJF<' $0- .#%:,8' HJF<' #%1'-.' %-5' #$' $*58' HNF<' ,8+'2%!' #%'-'-.' HNF<' $%!' NM' :0#' 5+
!02$'70+T 0#4%-' #0-2,' #' :%-'+,' HMF<' 39 300:'-.'%-5' *+'-0++' #4+' HJF<' *+'-0++' #'$,40$'2' H>F<' 4 4 0#2'%!' 0 .#%:,8' H>F
+ ' C % ' / ' 0U*'#05T' -.!'+,' HJF<' 0#4%-' #0-2,' #' :%-'+,' HMF<' 0 4 0$#8' %-5' !.0;#%I' HJF<' ,8+'2+' HQF<' '+$ #8' I H1'$,' 0+:02'%!' #060#0-20' $ ' 4 %$0#'%!+' 6' 2 4 4 0#20F HJF<' ,8+'2%!' #%'-'-.' HNF<' #%1'-.' %-5' #$' $*58' H>F<' !02$'70+T 0#4%-' #0-2,' #' :%-'+,' "MF<' 39 300:'-.' %-5' *+'-0++' #'$,40$'2' HJF<' $0- .#%:,8' %-5' 8:01#'$'-.' HJF<' #%1'-.' %-5' #$' $*58' HNF<' 4 4 0#2'%!' 0 .#%:,8' H>F
& ' C % ' / ' 0U*'#05'T -.!'+,' HJF<' 0#4%-' #0-2,' #' :%-'+,' HMF<' 2 - 4'2+' %-5' 2 - 4'2' 0 .#%:,8' HMF<' '+$ #8' 6' $,0' -'$05' $%$0+' H1'$,' 0+:02'%!' #060#0-20' $ ''-5*+$#'%!' %-5'2 -+$'$*$' -%!' %+:02$+' HMF<' ,8+'2%!' #%'-'-.' HNF<' $%!' >L' :0#' 5+
!02$'70+T ' #0'.-' %-.*%.0' HMF<' 57%-205' ,04'+$#8' HMF<' 2 - 4'2' ' ! .8' HMF<' #'. - 4 0$#8' %-5' !'5' 0 4 0$#8' HMF<' !040-$%#8' %1'%-5' 49 4 0#2'%!' %1 j' HMF<' 57%-205' 3300:'-.' *+'-0++' ##0+:-50-20' %-5' 66'20' #%2$'20' HMF<' $0- .#%:,8' %-5' 8:01#'$'-.' HMF<' #%1'-.' %-5' #$' $*58' HMF' / 50#-' -5*+$#'%!'+4' H>F
& / ' C % ' / ' 0U*'#05T' -.!'+,' HJF<' 6 .'2' -5*2$'70' %-5' 05*2$'70' HJF<' ,8+'2%!' #%'-'-.' HNF<' $%!')' :0#' 5+
!02$'70+T ' #0'.-' %-.*%.0' HMF<' 57%-205' "!%$,04%$'2+' HMF<' 57%-205' ,8+'2+' HMF<' -5*+$#'%!' ,04'+$#8' HMF<' 2 - 4'2' 0 .#%:,8' HMF<' '-0$00-$,' 0-$*#8' '+$ #8' *# :0' %-5' #'0-$' ':! 4%$'2' '+9 $ #8' -'$05' $%$0+' %-5' 50#-' *# :0' HMF<' %-3'-.' %-5' '-%-20' #%-+: #$%$' -' %-5' 44*-'2%$' -' HMF<' 54'-'+$#%$'70' %1' %-5' -$0#-%$' -%!' %1' HMF<' 29 2 *-$'-.' %-5' *5'$'-.' HMF<' *+'-0++' #.%-'G%$' -' %-5' %-%.040-$' HMF<' #%1'-.' HMF' 57%-205' 2 - 4'2+' HJF

$'+'$ '0%#!8'$' ;$%'-'4 #0'$,%-'%'.!'4:+0' 6'$,0' #0+*!$+' 6'$,0' -01' $8:0' 6'2 4 4 0#2'%!' +02 -5%#8' +2, !' -5 *;$05!8' '$' '+' %-' %59 7%-20' 70#'$,0' 0%#!'0#' ,0' '-+$#*2$' -' .'70-' '+' :#%2$'2%!' ';*$' '$' '+' +%'5' $,%$' $,0' 2*!$*#%!' 7%!*0' 6'05*2%$' -' '+' ;8' -' 40%-+'! +$' $' '+' 20#$%'-' $,%$' $,0#0' '+' %' 10!!?2 -+'50#05' %-5' '-9 $0!!'.0-$' :*#: +0' $' 400$' $,0' #0%!' -005+' 6' % !%#.0' ; 58' 6' +$*50-$+' 6 # 1, 4' $,0' 2!%++'2%!' ,'.,' +2, !' 660#+' -' %$$#%2$' -+' 40' ,',' +2, !+'.' +' 6%#' 070-' %+' $' :!%-' $,0'# 2 *#+0+' $' 400$' $,0' -005+' - $' -!8' 6' $, +0' 1, ' 1'!!' #04%'-' *-$'!' .#%5*%$' -' ;*$' %!+' 6' $, +0' 1, ' 1'!!' !0%70' %6$0#' % 80%#' # $1 ' ' ' +2, !+' 6' 2 4 4 0#20' $,%$' %#0' 1 #3'-.' %! -.' $,0+0' !'-0+' #0: #$' $,%$' $,08' ,%70' %' !%#.0' :# 9 : #$' -' 6' +$*50-$+' 1, ' 1 *!5' - $' %$$0-5' %-8

:' -2!*5'-.' ,8+' ! .8
I '#+$,%!6' 80%#' 0.'--'-.+' 6' %$' -+' $ ' >JKK' % ' 02 -5', %!6' 80%#' 50#-' '+$ #8' $ ' >LQK
R -' $,0' +02 -5', %!6' 80%#' +$*50-$+' 4 %8' 0!02$' %55'9 $' -%!' $0- .#%:,8' %-5' 8:01#'$'-.' # 3300:'-.' '-' :!%20' 6' $,0' +02 -5' 2 *#+0' '-' %$,04%$'2+' # 4 %8' .'70' 5 *;!0' $'40' $' %$,04%$'2+' ;8' 4 '$$'-.' 0'$,0# $0- .#%:,8' # 3300:'-.'
V '#+$,%!6' 80%#' -.!'+,' %-5' ! -'%!' '+$ #8' >ONK' $' >LQK' 02 -5', %!6' 80%#' 50#-' '+$ #8' H -.!%-5' %-5' $,0' -$'-0-$F' >LQK' $' :#0+0-$' $'40
V $*50-$+' 1, ' 5' -' $' 0!02$' !%1'-' $,0' 6 *#$,' 80%# 4 %8' #020'70' '-+$#*2$' -+' '-' 4 4 0#2'%!' %1' '-' 2 -9 -02$' -' 1'$,' 57%-205' 3300:'-.

$,0# +2, !' # 1 *!5' - $' +$%8' 6 # %-8' !0-.$,' 6' $'40' ,0' .#%5*%$0+' 6'-5' '$' 0%+8' $' ;$%'-' :+'$' -+' '-' ;*+'-0++' !'60' -' :*#0!8' 402,%-'9 2%!' !'-0+' $,08' %#0' - $' + ' 10!!' :#0:%#05' %+' $, +0' 6' $,0' :#'7%$0' 2 4 4 0#2'%!' +2, !+' ;*$' '-' 2%9 :%2'$8' $' %2U*'#0' -01'3- 1!05.0'%-5';'!'$8' $' *+0' '$' $,08' %#0' 6%#' +*:0#' #' %-8' 6' $,04' '-5005' 6'-5' $,0' 6'#+$?80%# 1 #3' 6' 0E20!!0-$' *-'70#+'$8' +2, !+' 6' 2 4 4 0#20' %!4 +$' 0!09 40-$%#8' 6 # $,04' ,'+' '+' 40#0!8' ;02%*+0' +*2,' +2, !+' %#0' + '601' '-' -*4;0#' $,%$' $,0' *-'70#+'$8' +2, !+',%70' - $' ;00-' $, # *.,!8' 2 ##0!%$05' 1'$,' $,04' ,08' +*660# 6# 4' $,0' .0-0#%!' !%23' 6' *-'$8' '-' -# 05*2%$' -' :!%-' 1,'2,' 4%30+' '$' 5'66'2*!$' 6 # $!'0' +$*50-$' $' .%'-'%2,0#0-$'2 -+'+$0-$' 05*2%$' -'6# 4';09 .'--'-.'$'0-5' $,0#$,%-'$,%$' 1,'2,':#0:%#0+' 6 # -0' 6' $,0' 10!!?#02 .-'G05' :#60++' -+' +*2,'%+' !%1' 405'2'-0' $0%2,'-.' %-5' $,0' !'30' +'4'!%# 5'66'2*!$' *-50# 1,'2,' $,08' !%; #'+' $,0' 50%#$,' 6' 10!!?$#%'-05' $0%2,0#+' ,0+0' $,0' *-'70#+'$8' +2, !+' %#0' ;0.'--'-.'$'+*:::!8' ';0.'--'-.',%+' %$' !0%+$' ;00-' 4%50' %-5' '$' '+' -$$' 4*2,' $' 0E:02$' $,%$' 1'$,'-' $,0' -0E$' 502%50' $,0' 2 4 4 0#2'%!' +02 -5%#8' +2, !' 1'!!' ,%70' ;02 40' %' 70#8' '4: #$%-$' :%#$' 6' *#' :*;!'2' +2, !' +8+$04' 1'$,' %' 2!0%#!8' 506'-05' #0!%$' -' $' $,0' $,0#' :%#$+' #0' $,%-' $,%$' '$' '+' :# ;%;!0' $,%$' 7 2%$' -%!' +2, !+' 6' $,0# $8:0+' 1'!!' ,%70' .%'-05' % 6'#4' 6 $'-.' %+' $,08' 070-' - 1' :# 4'+0' $' 5 ' *-50#' $,0' !0%50#+,':' 6' $,0' 2 4 4 0#2'%!' ,'.,' +2, !' %-8' 2'$'0+' 070-' - 1',%70' 7 2%$' -%!' ,'.,' +2, !+' 6' +079 0#%!' 5'+$'-2$' $8:0+
,0' -'70#+'$8' 2, !' 6' 4 4 0#20' / ' 49 40#2'%!' 05*2%$' -' '-' $,0' *-'70#+'$'0+' %-5' 2 !!0.0+',%+' 6%#05' + 401,%$' ;0$$0#' $,%-' $,0' $,0#' $8:0+' + ' 6%#' %+' 0-2 *#%.040-$' 6# 4' %;70' '+' 2 -20#-05' *$' $,0' 0-2 *#%.040-$' ,%+' 2 40' *+*%!!8' 6# 4';*+'-0++' 40-' #%$,0#' $,%-' 6# 4' 05*2%$ #+' %-5',%+' 40$' 1'$,' -!8' %,%!69 ,0%#$05' #0+:-+0' *-$'!' $,0' ;0.'--'-.' 6' $,'+' 20-$*#8' 5*2%$ #+',%70' - $' ;00-' :# 4:$' $' $%30' $,0' '-'$'%$'70' '-' $,0' 4 7040-$' ,0' 2 -+0#7%$'+4' $,%$' ;! 2305' :# .#0++' '-' $,0' +02 -5%#8' +2, !+' + ' ! -.' #0$%#505' '$' '-' $,0' ,'.,0#' +2, !+' ,'+' '+' :%#$'2'!%#!8' $#*0' '-' $,0' %+$' ,0' !50#' *-'70#+'$'0+',%70' ;00-' $,0' !%+$' $' 8'0!5' $' $,0' $0-50-28' %#7%#5' ,%+' -!8' #020-$!8''-+$'$*$05'%' 2, !' 6' 49 40#20' *-50#' $,0' $'$!0' 6'%' 2, !' 6' *+'-0++' 54'-'+$#%$' -' %!0' 4 +$' 2 -+0#7%$'70' 6' %!!' ,%+' 4%50' -' 4 70' '-' $,0' 5'#02$' -' 6' 2 4 4 0#2'%!' 05*2%$' -''-'+:'$0' 6'$,0' 6%2$'$,%$' %!%#.0#' :0#20-$%.0' 6' ,0#' %2%504'2' .#%5*%$0+' 0-$0#' ;*+'-0++' $,%-' %-8' $,0#' 2%#00#' %-5' $,0' :0#20-$%.0' '+' ;02 4'-.' .#0%$0#' %!!' $,0' $'40' $' 1 *!5' +004' $,%$' $,0' %+$' +, *!5' ;0' 6 #09 4 +$' '-' $,0' 2 4 4 0#2'%!' 05*2%$' -' 4 7040-$' +'-20' 2 4 4 0#20' '+' $,0#0' '-' '$+' 4 +$ %57%-205' +$%.0' %-5' '+' 4 #0' '4: #$%-$' $,%-' '-' %-8' $,0#' :%#$' 6' $,0' 2 *-$#8' ,%$' '$' '+' - $' 2%-' ;0' 5*0' -!8' $' %!%23' 6' 0-2 *#%.040-$' -' $,0' :%#$' 6' 05*2%$ #+' #' '-' $,0' 0+$ 2 4 4 0#2'%!' 05*2%$' -' ,%+' 5070! :05' #%:'5!8

50+:'$0 $,0 !%23 6 6%2'!'$'0+ ,0 +$%$0 *-'9
70#+'$'0+ ,%70 $0-505 $ 1%#5 $,0 :#%2$'2%!
'50%!6# 4 $,0 *$+0$ %-5 1,0#0 +2, !+ 6
%.#'2*!$*#0 6! *#'+,05 +2, !+ 6 2 4 4 0#20
2 *!5 - $ 6%'!' $ 6'-5 %#0%58 %220:$%-20
,0+0 *-'70#+'$'0+ ,%70 ;00-!0++ ,%4:0#05;8
$#%5'$' -+ $,08 ,%70 $,0#06 #0 6 !! 105 4 #0
0%+'!8 $,0 $#0-5 6 504%-5
,0 6'#+$ +2, ! 6 2 4 4 0#20 $;0 +*#0
1%+ 0+$%;!'+,05 '- $,0 %+$,'+ 1%+ $,0
,%#$ -2, ! 6 '-%-20 %-5 4 4 0#20 '-
$,0 -'70#+'$8 6 0--+8!7%-'% 4%50 : ++';!0
'- >))> ;8 $,0 .'6$ 6 #(+0:, ,%#$ - 6
,'!%50!:,'% %#!'0# $,%- $,'+ %+ 0%#!8
%+ >)OO '-'6%2$ %- %$$04 :$,%5 ;00- 4%50 $
0+$%;!'+,' +*2, %+2, ! '- $,0 -'70#+'$8 6
'+2 -+'- ,'+ 1%+ ;8 ;0#$:0-20#
6 '!1%*300 1, 1# $0 $ $,0 0.0-$+ 6
$,0 *-'70#+'$8 :!0%5'-.'6 # 2 4 4 0#2'%! 05*9
2%$' -%+ %:%#$ 6$,0 +$%$0 *-'70#+'$8 +2,040
,0 %$$04:$ 2%40 $ -%*.,$, 1070# %-5
70# $,'#$8 80%#+ :%++05 ;06 #0 $,0 -'70#+'$8
6 '+2 -+'- 0-$0#05 $,0 6'0!5 6 2 4 4 0#2'%!
05*2%$' - ,0 ,%#$ - 2, ! 1%+ 6 #
-0%#!8 $10-$8 80%#+ $,0 -!8 ,'.,0# +2, ! 6
2 4 4 0#20 '- $,0 2 *-$#8 ,0 6 *-50# 0E9
:#0++05 $,0 50+'#0 $,%$ $,0 +2, ! +, *!5
660# 6%2'!'$'0+ 6 # ;$%'-'-.' H F %-% 50U*%$0
05*2%$' -''-$,0 :#'-2':!0+*-50#!8'-.'+*220++9
6*!2'7'!. 70#-40-$ H F %$#%'-'-.'+*'$%;!0
6 #$, +0 1, ''-$0-5$ 0-.%.0''-;*+'-0++ #$
*-50#$%30 $,0 4%-%.040-$ 6:# :0#$8 $
$,0+$%#$ $,0 2 *#+0 2 -+'+$05 6 -!8$1 80%#+
%-5 1%+ +*:0#'4:+05 *: -$,0 6'#+$1 80%#+
6$,0 #0.*!%# 2 !!0.0 2 *#+0 %$*#%!!8$,0#0
1%+ % .#0%$ 50%! 6 0E:0#'40-$ -020++%#8 ;09
6 #0 %-8 .#0%$ 50.#00 6 066'2'0-28 2 *!5 ;0
#0%2,05 -$,'+$,0 +2, ! ,%5 !'$$!0 %++'+$9
%-20 '$ 1%+6 #205 $1 #3 *$'$+ :# ;!04+
%! -0 ,0#0 10#0 + 40 6%'!*#0+ ;*$ -$,0
1, !0 2 -+'50#'-.' $,0 5'+%57%-$%.0+ *-50#
1,'2,'$,0+2, !;%; #05 %#04%#3%;!0 50.#00
6+*220++ -)PQ $,0 2 *#+0 1%+0-!%#.05$
$,0 6*!!6 *# 80%#+ %!$, *.,'4%-8 6$,0 %2%9
504'2 +*;&02$+ 10#0 +$'!! -2!*505 ,0 +2 :0
6$,0 1 #3 1%+;# %50-05$ '!-2!*50 :#0:%#%9
$' -6 # $,0# !'-0+ 6 ;*+'-0++ $,%-$, +0
40-$' -05 '-$,0 +$%$040-$ 6 # ,%#$ -
$:#0+0-$$,0 +2, ! 660#+':02'%! $#%'-'-.'
6 # $,0 6 !! 1'-.' 7 2%$' -+ 4%-*6%2$*#'-.'
'-5*+$#8 ;%-3'-.' %-5 6'-%-20 ;# 30#%.0'
%22 *-$'-.' $#%-+: #$%$' -' %-5 2 4 4 0#20'
'-+*#%-20 + 2'%! %-5 2'7'! 1 #3 $,0 !%1
%-5 $,0 :*;!'2 +0#7'20 :#'7%$0 +02#0$%#8+,':
,0#0 '+%!+ %.0-0#%! 2 *#+0 6 # +$*50-$+ 1,
5 - $600!%;!0 $ 2, +0 506'-'$0!8 $,0'# 6*$*#0
7 2%$' -;8 $,0 0-5 6 $,0 6#0+,4%-80%#
,0 1 #3 6 $,0 6#0+,4%-80%#'+ $,0 +%40 6 #
%!! +$*50-$+ %-5' '+ %+6 !! 1+ /

!'$'2%! 2 - 48 HNF < 0+ *#20+ 6 $,0 -'$05
$%$0+ HJF< 22 *-$'-.' HJF< -+$'*$' -%! %1' HJF<
-.!'+,'HJF< ,04'+$#8'' HNF< # *+'-0++ %1' HJF

!! +$*50-$+ :#0:%#'-.' 6 # $,0 4%-*6%2$*#'-.' :*+'9
-0++ %#0 #0U*'#05 $ $%30 ,04'+$#8 '-' $,0 6'#+$ 80%#'
,08 4%8 0!02$ *+'-0++ %1' %+ %-' 0E$#%'+*;&02$

,0 1 #3 6 $,0 +2, !+'-20 '$+'-%*.*#%$' -'
,%+.#%5*%!!8 $0-505 4 #0 %-5 4 #0 %1%8
6# 4 $,0 2*!$*#%! %-5 $ 1%#5 $,0 :#%2$'2%!'
*#+0+'-& *#-%!'+4 %-5 $,0 !'30 ,%70 ;00-'
660#05 -' 070-'-.' +2, ! ,%+ ;00-' 0+$%;9
!'+,05 .'7'-.''-+$#*2$' -' $ 40-' 1, %#0 0-9
.%.05''-;*+'-0++5*#'-.'$,0 5%8 ,0 +2, !
,%+;02 40 -0 6$,0!%#.0+$'-'$,0 *-'70#+'$8'
020-$!8 $,0#0 10#0 QJ0 +$*50-$+'-' $,0 5%8
2 *#+0+ %-5 N)M '-' $,0 070-'-.' +2, ! ,0
50.#00 6 %2,0! # 6 2'0-20 '-' 2 - 4'2+'+
.'70-' $ +$*50-$+ 1, +*220++6*!!8 2 4 :!0$0 $,0
6 *#?80%#2 *#+0 ,0 +2, ! ,%+;00-'6 #$*-'%$0
'-',%7'-.''-' $+' 6%2*!$8 %$' 7%#' *+' $'40+ 40
6$,0 +$# -.0+$ 40-''-' $,0 2 *-$#8''-' $,0 6'0!5
6 2 4 4 0#2'%! 05*2%$' -%-5 $+ 2 -$#';*$' -
$ $,0# +2, !+ $,# *.,' $,04 ,%+ ;00-
,%#5!8 !0++ -%;!0 $,%-' $+' 5'#02$ 2 -$#';*$' -
$ $,0 ;*+'-0++ 1 #!5 %-8 6 '$+ +$*50-$+
,%70 ;00-' $#%'-05 6 # #0+: -+';!0 : +'$' -+ '-
+02 -5%#8 +2, !+ 6 2 4 4 0#20 ; $,' -' $,'+
2 *-$#8%-5''- *$,' 40#'2%
-$'! %; *$ $,0 ;0.'--'-.' 6 $,0 :#0+0-$
20-$*#8 $,0# *-'70#+'$'0+ 10#0 +! 1'$ 6 !! 1
$,0 !0%5 6 0--+8!7%-'% ,0 4%'-' #0%+ -
:0#,%:+ 1%+ $,%$ $,0#0 10#0 601 5 - #+ +
.0-0# *+ %+ (+0:, ,%#$ - $ 0+$%;!'+,
+2, !+ 6 2 4 4 0#20 ; *$ $,0 80%# >PKK
, 1070# $,0#0 1%+ % +*550-'+:#'-.''-.'*:' 6
$,0+0 +2, !+ %!! 70# $,0 2 *-$#8 4 -.'
$,0 *-'70#+'$'0+ $ 0+$%;!'+,' $,04 %; *$ $,'+
$'40 10#0 01 #3 -'70#+'$8 %#$4 *$,'
!!0.0 $,0 -'70#+'$8 6 ,'2%. %-5 $,0
+$%$0 *-'70#+'$'0+ 6 %!'6 #-'% '+2 -+'-'
!!'- '+ '2,'.%- 0#4 -$ %-5 $,0#+'
'-20 $,%$ $'40 .# 1$,',%+ ;00-'#%:'5 ,0
'4:0$*+'-$,0 -01 4 7040-$ 2%40 6# 4 +079
0#%! 5'660#0-$ + *#20+ -' + 40 '$ 1%+ $,0
.'6$ 6 + 40 5 -#'%+ '-' $,0 2%+0 6 %#$9
4 *$,' 1,0#0 $,0 4 + *23 2, ! 1%+
4%50 ++';!0 '-' >PKK ;8 $,0 .'6$ 6 ^JKK KKK
;8 # 51%#5 *23 6$,0 2!%++ 6 >)ON %+%
404 #'%! $,'+ 6%$,0#' ,'+ ;0-06%2$' -
1%+!%$0#'-2#0%+05' -'$,0 2%+0 6 01 #3
-'70#+'$8 $,0 $%$0 2'0$8 6 0#$'6'05
*;!'2 22 *-$%-$+ 1%+ !%#.0!8 '-+$#*40-$%!
'-'6 *-5'-.'$,0 +2, ! -'$,0 +$%$0 *-'70#+'9
$'0+ $,0 +2, !+ 10#0 0+$%;!'+,05 $,# *.,'$,0
#0.*!%# 2,%--0!+ '$,'-'$,0 :%+$ 601 80%#+
$,0 4 70 40-$,%+ ,%5 % 4%#305 '-2#0%+0 '-
;#0%5$, 1,'2,'$0+$'6'0+ 6 '$+ +*220++ *#
-01 +2, !+ 10#0 :0-05 %$ $,0 ;0.'--'-.' 6
$,0 80%# >PK)?>PKP %#7%#5 0+$%;!'+,05 %
+2, ! 4 #0 %57%-205 '- $8:0 $,%-' %-8
6 $,0 0%#!'0# -0+ .'6$ 6 ^QKK KKK $ '
*6$+ !!0.0 ,%+ 4%50 % +2, ! 6 2 4 4 0#20
: ++';!0 $,0#0 ,%$ $,0 ,'.,0# +2, !+ 6
2 4 4 0#20 '-' $,0 -'$05 $%$0+ %#0 +*220++6*!
'-' %22 4:!'+,'-.' %!! $,%$ 1%+ 0E:02$05 6
$,04 %-5 4 #0 +004+ 0+$%;!'+,05 ;08 -5'$,0
+,%5 1 6 % 5 *;$
,0#0 %#0 - 1'$,#00 4%'-' $8:0+ 6 ,'.,0#
+2, !+ 6 2 4 4 0#20 / '$,%$ '+ 6 2 !!0.'%$0
.#%50 / ''-' $,0 2 *-$#8 ,0+0 %#0 5'660#0-9
$'%$05 ;8 '$,0 #0!%$'70 :# : #$' -' 6'$,0 !';0#%!

2*!$*#%! 0!0 4 0 -$ %-5 $, 0 :#%2$'2%! # :# 9 60++' -%! 0!0 4 0 -$ %-5 '-$, 0 #0!%$' -1 , '2, $, 0+0 $1 0!0 4 0 -$+ ;0%# $ 0%2, $, 0# -$, 0 6'#+$ $8 : 0 6 +2, !$, 0 !' ;0#%! %-5 $, 0 :#%29 $'2%! 0!0 4 0 -$+ %#0 .'70-'-2 #5'-%$' - %-5 %#0 %; *$ 070-!8 ;%!%-205 -$, 0 +02 -5 $, 0 !' ;0#%! 0!0 4 0 -$ '+ .'70- # #0U*'#05 6'#+$ %-5 $, 0 :#%2$'2%! $#%'-'-.'+ .'70- %6$0#1%#5+ -$, 0 $, '#5 :#%2$'2%! # :# 60++' -%! $#%'-'-. 22*:'0+ %5 4 '-%-$: +'$' - %-5 $, 0 !' ;0#%! 0!0 4 0 -$ '+ #05*205 $ %4'-'4*4 , 0 !' ;0#%! $#%'-'-.' 6 $, 0 , '., +2, !'+ #0.%#505 %+ +*66'9 2'0-$ 6 # $, 0 :*#: +0

, 0 , %#$ -2, !%-5 4 +$ 6 $, 0 +2, !+ 6 2 4 4 0#20 '-$, 0 +$%$0 *-'70#+'$'0+ %#0 6 $, 0 6'#+$ $8 : 0 -4%-8 2%+0+ $, 08 %#0 -!8 ;#%-2, 0+ 6 $, 0 2 !!0.0+ 6 %#$+ %-5 $, 0 :#%2$'2%! 1 #3 '+ '-$, 0 -%$*#0 6 %:!'05 02 9 - 4'2+ -0 6 $, 0 ;2+$ #.%-'G05 +2, !+ 6 $, '+ $8 : 0 '+ $, %$ %$ $, 0 -'70#+'$8 6 '+2 -9 +'-0+$%;!'+, 05 '- >PKK 22 #5'-.$ $ $, 0 +$%$0 4 0 -$ 6 $, 0 %*$, #'$'0+ R $ 1%+ 6 *-505 '-$, 0 ;0!'06 $, %$'-#50# $ %2, '070 $, 0 !%#.0+$ 4 0%+*#0 6 +*220++ %$ $, 0 :#0+0-$ $'4 0 '%-5'-' #50# :#0!8 $ 0#6 #4 , '+ 5*$'0+ $, '4+0!6 %-5 + 2'0$8 $, 0 ;*+'-0++ 4%-005+-$ -!8 % 2 !!0.0 05*2%$' -;*$ % 2 *#+0 6 +$*58 %5%:$05 $, '+ :02*!'%# -005+ (*+$'6'2%$' - 6 # $, '+ ;0!'06 1%+ 6 *-5 '-$, 0 4%.-'$*50 2 4 :!0E'$8 %-5 #%:'5!8 2, %-.'-.'2, %#%2$0# 6 4 50#-'-5*+$#'%! :# 20++0+ %-5 '-$, 0 *-9 6'$-0++ 6 $, 0 $#%5'$' -%! 2 !!0.0 2 *#+0 :# :9 0#!8 $ 0U*':%8 *-.'4%-6 # $, 0 4 +$ 066'9 2'0-$ 1 #3 '-$, '+ 6'0!5 S

, 0 2 *#+0 6 +$*58 '-2!*50+ $, #00 .# *:+ H F 6 *-5%$' -%! +$*5'0+ '-2!*5'-.'-%$*#%! +2'0-20 4%$, 04%$'2+ -.!'+, 6 #0'.-!%-9 .*%.0+ , '+$ #8 %-5 02 - 4'2+ H F :# 60+9 +' -%! +$*5'0+ '-2!*5'-.'; *+'-0++2 ##0+: -59 0-20 ; *+'-0++6 #4+ #5 2*40-$+ %22 *-$'-. % *5'$'-. +%!0+4%-+, ': %570#$'+'-. 2#05'$+ %-5 2 !!02$' -+ ;*+'-0++ 4%-.0 4 0-$ HJF 0!02$'70 +$*5'0+ -$ >PKP?>P>K $, 0 +2, !, %5 NJL +$*50-$+ 6 1, 4 PQ 10#0 6#0+, 40- -4 +$ 6 $, 0 +2, !+ 6 $, '+ $8 : 0 $, 0 $0-50-28 , %+ ;00-$ $ 502#0%+0 $, 0 2*!$*#%! 0!0 4 0 -$ %-5 $ '-2#0%+0 $, 0 :# 60++' -%! , '+ '+ +00-: %#$'2*!%#!8 '-$, 0 !50+$ +2, !6 $, 0 3'-5 $, 0 , %#$ -2, !

6 $, 0 +02 -5 $8 : 0 $, 0 4 +*23 2, ! 6 54'-'+$#%$' -%-5 '-%-20 %$ %#$9 4 *$, !!0.0 '+ $, 0 ;0+$ 0E%4 :!0 $ '+ % .#%5*%$0 :# 60++' -%! +2, !6 !! 1'-. $, 0 6 *# 80%#+ 6 2 !!0.0 1 #3 ;*$ '+ +'%5&*+$05 $ '$'$, %$ $, 0 6'#+$ 80%# 6 $, 0 +2, !#0U*'#'-. 6 # %54'++' -$, #00 80%#+ 6 2 !!0.0 1 #3 '+ 0U*'7%!0-$ $, 0 2 !!0.0 +0-' #80%# 1, '!0 $, 0 +02 -5 80%# 6 $, 0 +2, !2 -+$'$*$0+ % 6'6$, 80%# +$#'2$!8 .#%5*%$0 '-2, %#%2$0# , 0 *23 2, !2 -60#+ $, 0 50.#00 6 %+$0# 6 4?[40#2'%! 2'0-20 *: -#0.*!%#+$*50-$+1, ,%70 2 4 :!0$05 $, 0 1 #3 6 ; $, '80%#+ 6 $, 0+0 $1 80%#+ $, 0 6'#+$!%8+ 04 :, %+'+ -$, 0 :#%2$'2%! %+:02$+ 6 ;*+'-0++%2$'7'$8 $, 0 +02 -5 '-2!*50+ +$#'2$!8 $02, -'2%! 1 #3 %-5'+ 4 #0 +:02'%!'G05

, 0 .0-0#%! ;*+'-0++ 2 *#+0 '-2!*50+ $, 0 6 !! 1'-.'+*;&02$+ /

& !@ C % 'F '#+$ '?40+$0# 2 *-$'- HNF #0-2, 0#4%-# :''-+, HNF %$' -%! 4!-+$#'%! 6''0'0-08 HNF 2 -4'2 2 *#-''''7 HMF $%$'+$'2+ HNF -08 %-5 %-3'-' HJF -5*+$#'%! #.%*'G%? $'X -4b*) $%! , 1 , *#+

02 -5 040+$0# 22 *-$'-.' >NF #0-2, 0#4%-# :%-'+, HNF , 0 #8 6 *+'-0++ 54'-'+$#%$' -' HNF 0+ *#20+ %-5 -5*+$#'0+ 6 $, 0 -'$05 $%$'?+ HMF $%$'+$'2+ HNF 440#2'%! '+$ #8 %-5 !'28 HJF #%-+: #$%$' -' HJF $%! , 1 , *#+

, # C % '/ '#+$ 040+$0# 22 *-$'-.' HNF #0-2, 0#4%-# :%-'+, HNF H [440#2'%! %1 >NF #: #%$' -' '-%-20 HNF *+'-0%+ %-%.'=40-$ HNF #%2$'2%! %-3'-.' HNF , 0+'% HNF $%! >M , *#+

02 -5 '$40+$0# 22 *-$'-.' HNF #0-2, 0#4%-# :%-'+, HNF 440#2'%! %1 HNF #: #%$' -' '-%-20 HNF , 0+'+ H!'& $%! >M , *#+

:02'%! 2 *#+0+ %#0 %!+ .'70-''-:#0:%#%$' -6 #:%#$'2*!%# 7 2%$' -+ -%40!8 6 #0'.-2 49 40#20 ;%-3'-. $#%-+: #$%$' - '-+*#%-20 %-5 %22 *-$'-. -$, 0+0 $, 0 1 #3 6 #$, 0 6'#+$ 80%# 5'66 0#+ -!8 +!'., $!8 6# 4 $, %$ 6 $, 0 .0-0#%! ;*+'-0++2 *#+0 ;*$'-$, 0 +02 -5 80%# $, 0#0 '+ % 1'50# 50:%#$*#0 22 *-$'-.'2 49 40#2'%! !%1 2 #:#%$' -6'-%-20 %-5 % 6 #0'.-!%-.*%.0 %#0 #0$%'-05 '-%!!' 1070# :9 : #$*-'$8 '+ %66 #505 6 # % .#0%$ 50%! 6 '-5'9 7'5*%!' '-70+$'.%$' - 6 % :#%2$'2%! 2, %#%2$0# , 0 :!%- 6 $, 0 +2, !'+ '-2! +0 %22 #5 1'$, $, %$ 6 $, 0 +2, !+ 6 !%1 4 05'2'-0 0$2 6 $, 0 *-'70#+'$'0+ %-5 +004 +$, 0 #0$'2%!!8 + *-5 , 0 +2, !, 1070# , %+.# 1-;*$+! 1!8 %-5 $ 2! +0 6 $, 0 %2%50 4 '2 80%# >P>K , %5 .#%5*%$05 -!8 QO +$*50-$+ # 4 $, '+ '$ 4'., $ %:0%# $, %$ '$+ $8 : 0 1%+ $ %57%-205 6 #:#0+0-$?5%8 504%-5+

%#7%#5 +2, !6 *+'-0++ 54'-'+$#%9 $'-'+ 6 $, 0 +%40 $8 : 0 , 1070# %-5 '+ '6 %-8$, '-. 4 #0 %57%-205 6*!! 2 !!0.0 2 *#+0 +$0# 6 *+'-0++ 54'-'+$#%$' -'+ 69 60#05 $ +$*50-$+ 2 4 :!0$'-. $, 0 $1 ?80%# 2 *#+0 %#7%#5 ! 2%$' -'+ !0++ 5'+%57%-9 $%.0 *+6 #$, 0 :*#: +0 $, %-$, %$ 6 $, 0 4 + *23 2, !'%-5'-'$, 0 +, #$:0#' 5' 6'$+ 0E'+$9 0-20 '$, %+ +, 1-:# 4'+0 6 *+06*!-0++ , 0 +070#'$8 6 $, 0 0-$#%-20 #0U*'#040-$'+ %.'-+$ #%:'5' 5070! :40-$'%-5 ;02%*+0 6 '$ % !%#.0 :# :#$'-6 $, 0 +$*50-$+ $, *+ 6%# , %70 ;00-+:02'%!+ %-8 %#0 %2$'70 ;*+'-0++ 40-'1, 2 40'-6# 4 +$ -%-5 $, 0 7'2'-'$8 $ $%30 -0 #$1 2 *#+0+ , 0 0E:0#'40-$ 6 :!%29 '-.';*+'-0++ -$, 0 !070! 1'$, !%1 %-5 $, 0# !0%#-05 :# 60++' -+ '+ $ -01 $, %70 #020'705 % $, # *., $0+$;*$ '$ '+ %$!0%+$;0'-.'$#'05 *-50# $, 0 4 +$ 6%7 #%;!0 2 -5'$' -+

6 $, 0 $, '#5 $8 : 0 6 +2, !6 2 4 40#20 $, %$ 6 01 #3 -'70#+'$8 '+ $, 0 ;0+$ 0E9 %4 :!0 $ '+ % :# 60++' -%! +2, !;*$ *-!'30 $, +0 6 $, 0 +02 -5 $8 : 0 '+ - $ 5'+$'-2$!8 %.#%5*%$0 +2, !%-8 2 !!0.0 .#%5*%$0 +5 0-$0# '$;*$ $, 0 -!8 #0%! #0U*'#040-$ '+ % 6 *#?80%# , '., +2, !2 *#+0 #$, 0 0U*'7%!0-$ 0++' -+ %#0 , 0!5 '-$, 0 %6$0# - %-5 070-'-. -!8 '- #50# $, %$ '-+$#*2$ #+ %-5 +$*50-$+

4%8 ; $, ;0 5#%1-6# 4 $, +0 1, %#0 %29 $'70!8 0-.%.05 '- ;*+'-0+ 5*#'-. $,0 5%8 ,0 50.#00 6 %2,0! # 6 4 40#2'%!' 2'0-20 '+ 2 -60##05 *: -+$*50-$+ 1, 400$ 0'$,0# 6 $,0 6 !! 1'-. #0U*'#040-$+ H>F 6 $,08 ;$%'-+%$'+6%2$ #8 2#05'$ 6 # PKK+'-.!0 , *#+ 6 070-'-. 1 #3 ;0'-. , *#+ :0# 1003 6 # $,#00 *-'70#+'$8 80%#+ 6 JK 1003+ 0%2, %-5 '-'%55'$' -+%$'+68 $,0 6%2*!$8 $,%$ $,08 ,%70 ,%5 %$!0%+$ $1 80%#+ +*220++6*!' 0E9 :0#'0-20'-; *+'-0++ HNF 6$,08 ;$%'-+%$'+9 6%2$ #8 2#05'$ 6 # OKK+'-.!0 , *#+ 6 070-'-. %-5 OKK+'-.!0 , *#+ 6 %6$0#- -1 #3 ;0'-. '- %!! , *#+ :0# 1003 6 # $1 *-'70#+'$8 80%#+ 6 JK 1003+ 0%2, ,0-6 *-505 '- >PKK $,0 +2, !1%+'-$0-505 4%'-!8 $:# 9 7'50#+2'0-$'6'2 :#0:%#%$' -6 # :*;!'2 %22 *-9 $%-28 ,0 +2 :0 ,%+ ;00- ;# %50-05 2 -9 +$%-$!8 +'-20 $,%$ $'40 *-$'!' - 1 :#0:%#%$' - '+ .'70-6 # %!!$,0 ;*+'-0++ :# 60++' -+''-2!*59 '-. 40#2%-$'!0 %-5 4%-*6%2$*#'-. ;*+'-0++ ;%-3'-. ; # 30#%.0 '-+*#%-20 #0%!' 0+$%$0 %570#$'+'-. #0:%#%$' -'+ %!+ .'70-6 # & *#-%!'+4 %-5 6 # $,0 $0%2,'-. 6 2 4 40#2'%!' +*;&02$+ ,0 1 #3 '+ %!!' 6 :#%2$'2%!' #%$,0# $,%-2*!$*#%!'2,%#%2$0#'%-5 '+ 4%'-!8 0!02$'70 0#$%'-#0U*'#040-$+ , 1070#4*+$;0 40$;8 0%2,2%-5'5%$0 6 #%50.#00 0 4*+$,%70 :%++05 +*220++6*!!8 %$!0%+$, *#+ '-0%2, 6 $,0 6 *# 4%'-. # *:+ 6 +$*5'0+ -%40!8 %22 *-$+2 4 40#20 6'-%-20 %-5'!%1 40 6 $,0+0 2 *#+0+ %#0 :#0+2#';05 -6%2$ $,0 1 #3 $%30-$,0 6'#+$80%# ;8 4 +$ 6$,0 #0.*!%#$,#00? 80%# 070-'-.+$*50-$+'+$,0 +%40 $'-2!*50+ %22 *-$'-.2 #: #%$' -6'-%-20 : !'$'2%!02 -9 48 2 4 40#2'%!' !%1 %-5 ;*+'-0++ #.%-'G%9 $' - %$0#$,0#0 '+4 #0'+:02'%!'G%$' - ,0 0E:0#'40-$ 6 660#'-.2 *#+0+ 6 *-'70#+'$8 .#%50 '-$,0 070-'-.+5'5 -$%$6'#+$ 400$ 1'$, $,0 %:: # 7%!' 6 05*2%$ #+ E:0#'0-20 ,%+ 504 -+$#%$05 , 1070#$,%$ +*220++6*!1 #3 2%-; 0 %22 4:!'+,05 *-50# $,+ :!%-%-5$,%$ '$,%+20#$%'-.#0%$ %57%-$%.0+'-2 4 40#2'%!' 05*2%$' - $,%+0-%;!05$,0 +2, !$ 4 00$ $,0 -005+ 6%!%#.0 ; 58 6 40-'-01 #3 '$8 %-5 $ 660#$,04 %, '.,0# .#%50 6 '-9 +$#*2$' -$,%-2 *!5 ;0 %66 #505 '-%-8 $,0# 1%8 ,0U*%!'$8 6 1 #3 5 -0;8$,04'+%:9 :%#0-$!8 *:'$ $,0 +$%-5%#5 6$,0 ;0+$ +2, !+ 6 2 4 40#20 '-$,0 2 *-$#8 ,0 .# 1$,'6 $,0+2, !,%+504 -+$#%$05 '$+6'$-0++$ 2 -9 5'$' -+ # 4 OK +$*50-$+'-'>PKK?>PK>'$,%+.# 1-'*-$'!'-'>P>K?>P>>'$,0#0 10#0 70# %'%.#0%$0#-*4;0# $,%-'10#0 0-# !!05'-' %-8 $,0# *-'70#+'$8+2, !6 2 4 40#20'-'$,0 2 *-$#8 6$,0+0 %; *$,%!6 10#0 :%#$?$'40 +$*50-$+ 6$,0 #0.*!%# +$*50-$+'-'>P>K? >P>>' >>J 10#0 2 !!0.0 .#%5*%$0+%-5 OL 2%40 6# 4 6 #0'.-'2 *-$#'0+ ,0 +*220++ 6$,0 0E:0#'40-$'-$,0 01 #3 -'70#+'$8 ,%+ !05 $ $,0 6 *-5%$' - 6 +'4'!%# +2, !+ 0!+01,0#0 ,0 -'70#+'$8 6 0--+8!7%-'% '-$# 5*205 %-'070-'-.'+2, ! 6$,0 +%40 $8:0 $,0#+ ,%70 ;00-'+$%#$05 %$ #$,10+$0#-' -'70#+'$8 %-5 -'70#+'$8 6 0-70#'%-5$,0#0 %#0 '-5'2%$' -+ 6+'4'!%# 4 7040-$+ 0!+01,0#0 ,'+ $8:0 6 +2, ! 1 *!5 %!4 +$ -020++%#'!8 ;0 +'$*%$05'-' #-0%# % !%#.0 2'$8 %-5'-'+*2,'% +'$*%$' -'$ +0040+'$;0$,0 $8:0 4 +$*#.0-$!8 504%-505 !!',$#00 $8:0+ ,%70 ;00-'+*220++6*!' 0- *.,' $! !0%5 $ $,0 ;0!'06 $,%$ $,08 %#0 #0-50#'-.' % 5'+$'-2$ +0#7'20 %-5 % +0#7'20 $,%$ 1'!! 2 -+$%-$!8 '-9 2#0%+0 '-' $,0 6*$*#0 -' %55'$' -' $ ' $,0 +2, !+ %!#0%58 40-9 $' -05 $,0#0 %#0 $,0#+.'7'-.2 4 40#2'%!' 05*9 2%$' -6 7%#' *+.#%50+ 070#%! :#'7%$0!8 0-5 105 '-+$'$*$' -+ +*2,%+ $,0 #0E0! -+$'$*$0 4<% %* '- ,'!%50!:,'% .'70 '-+$#*29 $' -$,%$' +4 #0 !';0#%! %-5 4 #0 %57%-205 $,%-$,%$ 6$,0 #5'-%#8 :#'7%$0 2 4 40#2'%! +2, !;*$' +,%#5!8 6 *-'70#+'$8 .#%50 %-8 +2, !+.'70 2 *#+0+;8 2 ##0+: -50-20 %-5 + 40 6$,0+0,%70 #0%2,05 %,'.,:!%-0 6 *+06*!-0++ # 4 $,0 6 #0. '-.'5'+2*++' -' '$ 4%8 ;0 +00-' $,%$ %!4 +$ 070#8 2 -20'7%;!0 .#%50 %-5 3'-5 6 2 4 40#2'%! 05*2%$' -' +' - 1 .'70-' '-' $,0 -'$05 $%$0+ -5005 '$ '+ 5 *;$6*! '6 %-8 $,0# 2 *-$#8 2%-' 660# + 1'50 % #%-.0 ,0 2,'06 10%3-0++ '+ $,%$ $,0#0 '+ - 2 ,0#0-$+8+$04;8 1,'2,'% +$*50-$ 4%8 :#0:%#0 2 -+'+$0-$!8 6 # % ;*+'-0++ 2%#00# $,# *., *$,'+ 05*2%$' - ,0 -0E$ +$0:'-'%57%-20 1'!! ;0 $ 2 #5'-%$0 $,0 7%#' *+ 0!040-$+ %-5 ;#'-.'$,04'-$ 2! +0# #0!%$' -1'$,'0%2, $,0# ,0-'$,'+'+5 -0 $,0 -'$05 $%$0+ 1'!! ,%70 % +8+$04 6 2 49 40#2'%!' 05*2%$' -+02 -5'$ - -0'-'$,0 1 #!5 0#4%-8 / ,0 +*:#04%28 6 0#4%-8'-' 2 4 40#2'%!' 05*2%$' -'+%+.0-0#%!!8 2 -20505 %+ ,0# ,', :!%20'-2 4 40#20 '$+0!6 ,'2, 1%+$,0 2%*+0 6$,0 !%$$0# '+% 4%$$0# 6+ 40 5'+:*$0 ;*$ $,0#0 '+ - 5 *;$ $,%$ 0%2, %++'+$05 $,0 $,0# $ % 4%#305 50.#00 0# .# 1$,'%-5 5070! :40-$'-$,0 $1 6'0!5+ ,%+ ;00-'#%:'5 %-5'+'4*!$%-0 *+'+-20 $,0 !%$$0# :%#$ 6$,0 --0$00-$,'20-$*#8 0+:02'%!!8'+-20 >))L 1,'2,' 4%#305 $,0 ;0.'--'-. 6 0#9 4%-8+ #0%! %57%-20'-'2 4 40#2'%!' 05*2%$' - ,0 #0+*!$,%+ ;00-' 4%-'60+$05 '-' $,0 4 +$ 2 4:!0$0 %-5 2 4:#0,0-+'70 +2,040 6 2 49 40#2'%!' 05*2%$' -'-' $,0 1 #!5 $+ +%!'0-$ 60%$*#0+ %#0 $,0 2! +0 #0!%$' - 6 '$+ +070#%! :%#$+' %-5'$+ ;#0%5$,' 6 *$! 3 ,0 +8+$04 '-' 0#4%-8+ 05*2%$' -' ,%+ ! -.' ;00-' $,0 0-78 6 6 #0'.-0#+ ,0 1, !0'+$#*2$*#0'+%5? '-'#%;!8 :!%--05 $.'70% *-'6'05%-5'$, # *., :#0:%#%$' -6 # %-8 2%!!'-.'-'!'60 $'+6 +9 $0#05 %-5 2 -$# !!05 ;8 $,0 . 70#-40-$'%-5 $,*+ +02*#0+ - $ -!8 :# 7'+' -6 #%!' 2!%++0+ 6 +$*50-$+' ;*$ %!+ %,%#4 -'*+'-$0##0!%$' - 6 $,0 +070#%! +2, !+ ,0 "((%-5 2 (0 %#0 2#05'$05 1'$,'$,0 6 *-5%9 $' - 6 $,0 +2,040 6 2 4 40#2'%! 05*2%$' - ;02%*+0 $,08 ,%70 ;00-' 30:$ 2 -+$%-$!8 '- $ *2,'1'$,'2,%-.'-.'-005+ %-5 ,%70 $,0#09 6 #0+*:!'05:#0:%#%$' -'$,%$'+- $'$ '#'.'5!8 2!%++'2%!' '-2,%#%2$0#' ,0 +$#'2$!8 2 4 40#9 2'%!' 05*2%$' - ', 1070#'+.'70-' 4%'-!8 ;8

$,#00' $8:0+' 6'+2, !+'2 ##0+: -5'-.'# *.,!8' $ ' $,0' $,#00' 4%'-' $8:0+' '-' $,0' -'$05' $%$0+< -%40!8 ' $,0' :#'7%$0' 2 440#2'%!' +2, !' $,0' :*;!'2' +02 -5%#8' +2, !' %-5' $,0' *-'70#+'$8 ' -' 0#4%-8' $,0' $,#00' 4%'-' .# *:+' %#0' $,0' 2 -$'-*%$' -' +2, !' # +2, !' 6 #' %::#0-$'20+' $,0' 4'55!0' 2 440#2'%!' +2, !' %-5' $,0' ,'.,0# 2 440#2'%!' +2, ! ,0'2 -$'-*%$' -'+2, !+'45 2 0 (0 * 4<% %* %#0' 6 *-5' '-' %!4 +$ 070#8' 2'$8' # $ 1-' 6' '4: #$%-20' '-' $,0' 0#4%-' 04:'#0' $ ' $,0' -*4;0# 6 70# OQK' ,0'# :#7'-20' '+' $ '.'70' %::#0-$'20+' 1, ' ,%70' !06$ +2, !' %$ %; *$' $,0' %.0' 6'6 *#$00-' %-' ::#$*-'$8' 1,'!0' !0%#-'-.' $,0'# $#%50<' $ ' %2U*'#0' $,0 #0$'2%!' 3-1!05.0' 1,'2,' 1'!!' ;0' *+06*!' $ ' $,04' %-5'0-%;!0'$,04'$ ' #'+0' '-' $,0' +2%!0' 6'$,0'# 1 #3' 0++' -+' %#0',0!5' '-' $,0' 4 #-'-.'6# 4'L'$ 'P' #'-' $,0' %6$0#- -' %-5'$,0' '-+$#*2$' -'+' .0-0#%!!8' %; *$ □', *#+' % 1003'6 # 0%2,'+$*50-$' ,0' +*;&02$+' $%*.,$' '-2!*50' 0#4%-' -.!'+,' #0-2,' %-5' + 409 $'40+' $,0# 4 50#-' !%-.*%.0+' 2 440#2'%!' %#'$,40$'2' +$*58' 6' 2 440#20' ; 3300:'-.' %-5' 2 ##0+: -50-20' .0 .#%:,8' %-5' :0-4%-9 +,':' $$0-5%-20' %$' $,0+0' +2, !+' '+' '-' $,0' 4%& #'$8' 6'2%+0+'2 4:*!+ #8' %-5' 0E$0-5+' 70# %:0#' 5'%70#%.'-.'%; *$',#00'80%#+' ,0'049 :! 80#'+',0!5'#0+: -+';!0'6 #' $,0' %$$0-5%-20' 6' ,'+' %::#0-$'20+' %-5'6 #' $,0' $*'$' -' 1,0#070# %'600' +'2,%#.05' +$' 6' $,0' +2, !+' %#0' +*:9 : #$05' , 1070#' ;8' $,0' 2'$8' %*$, #'$'0+' #' ;8' $,0'2,%4;0#+' 6'2 440#20' -'+ 40'2%+0+'$,08' %#0' +*:: #$05' ;8' $,0' ; 58' 6' $, +0' ;0-06'$05' ;8' $,04' -0' %$' %4;*#.' 6 #' '-+$%-20' '+' 1, !!8' :%'5'6 #' ;8' $,0' /0' 1 0 = 9 ' H 2'0$8' 6 #' 2 440#2'%!' 2!0#3+F' $' $,'+' +2, !' %-'+,' *++'%-' #$*.*0+0' %-5' :%-'+,'%#0' $%*.,$' %+' 10!!' %+' $,0' !%-.*%.0+' 40-$'-05' %; 70' 40' 6' $,0' +2, !+' %#0' 2 --02$05' 1'$,'$,0' 4'55!0' +2, !+' 6'2 440#20' %-5' $,0#+' %#0' '-50:0-50-$' ,0' 4'55!0' +2, !' 6' 2 440#20' 2 ##0+: -5+' $ ' *# 2 440#2'%!' +02 -5%#8' +2, !' $*50-$+' %#0' $%30-' %$' %; *$' $,0' %.0' 6'6 *#$00-' #'6'6$00-' %-5' *+*%!!8' #04'-' $,#00' 80%#+' ,08' #020'70' %' 2 4:!0$' -' 6' $,0'# .0-0#%!' 05*2%$' -' %-5' %!+' $02,-'2%!' 3-1!05.0' $,%$' 1'!!' ;0' *+06*!' '-' $,0' ;*+'-0++:# 60++' -+' ,+0' 1, ' ,%70' 2 4:!0$05' %' .0-0#%!' ,'.,' +2, !' 2 *#+0' %!#0%58' 4%8' $%30' %'+, #$' 2 *#+0' '-' $02,-'2%!' +*;&02$+' ,+0' 1, ' #020'70' $,0' 5':! 4%'%-5' 2 4:!0$0' $,0'# $0#4+' 6' %::#0-$'209 +,':' %#0' 0!'.';!0' 6 #' %54'++' -' '-' $,0' ,'.,0# +2, !+' 6' 2 440#20' ,0+0' 4'55!0' +2, !+' %#0' :#;%;!8' - ' ;0$$0#' $,%-' $,0' ;0+$' ,'.,' +2, !+' 6' 2 440#20' '-' $,0' -'$05' $%$0+' ;'*$ $,08' %#0' 6' 4 #0' *-'6 #4!8','.,'!070!' ,08' -*4;0#' 4 #0' $,%-' NKK' ,0' U*%!'$8' 6' '-9 +$#*2$' -' '+' :%#$'2*!%#!8' . 5' %+' 070#8' $0%2,0# ,%+',%5' +:02'%!' $#%'-'-.'%-5' -0%#!8' %!!' 6' $,04' %#0' 40-' ,08' 5'660#' '-' :!%-' 6' #.%-'G%$' -' %-5' '-' 4%--0#' 6' +*:: #$' ,%$' %$' 0':G'.' 1,'2,' '+' $8' :'2%!' '+' +*:: #$05' :%#$!8' ;8' +$*50-$+ 600+' :%#$!8' ;8' $,0' . 70#-40-$' -8' 506'2'$' '+' 40$' ;8' :#'7%$0' +*;+2#':$' - '.,0# +2, !+' 6' 2 440#20' '-' 0#4%-8' %#0' 6' #020-$' .# 1$,' %+' #020-$' '-5005' %+' $,+0' '-' $,0' -'$05' $%$0+' ,0' 6'#+$' 4 7040-$'1%+' 4%50' -' >)LP' ,0%505' ;8' *+$%7'7 -' 07'++0-< ;*$' '$' 5'5' - $' #0+*!$' '-' %-8$,'-.' 506'-'$0' 6 #' + 40' 80%#+' ,0' 6'#+$' ,'.,0# +2, !' 6' 2 49 40#20' 1%+' - $' 0+$%;!'+,05' *-$'!' >)P)' ,'+' 1%+' %$' 0':G'.' %-5' 2%40' %+' % #0+*!$' 6' $,0' +02 -5' -.#0+' 6' 440#2'%!' 5*2%$' -',0!5' $,0#0' '-' (*-0' >)PL' 0+: -+';'!'$8' 6 #' $,0' +2, !' 1%+' %++*405';8' $,0' 0':G'.' ,%4;0#' 6' 440#20' 1'$,' $,0' +*:: #$' 6' $,0' %E -' . 70#-40-$' -0' 50.#00' 6' 2 :0#%$' -' '-9 7 !705' '-' $,0' 0-$0#:#'+0' '+' '-5'2%$05' ;8' $,0' 2!%++0+' 6' 40-' #0:#0+0-$05' '-' $,0' +0-%$0' 1,'2,' 2 -$# !+' $,0' +2, !' ,0#0' '+' -0' 404;0#' 6' $,0' %E -'. 70#-40-$' -0' 6' $,0' 4*-'2':%!'$8' 6' 0':G'.' $,0' :#0+'50-$'%-5'$1' $,0#' 404;0#+' 6' $,0' ,%4;0#' 6' 440#20' $,#00' :#60++#+' 6' $,0' -'70#+'$8' 6' 0':G'.' $1' $0%2,0#+' 6' $,0' '55!0' 440#2'%!' 2, !'%-5' % 5'#02$ #' 6' +$*5'0+' ,0' :*#:+0+' 6' $,0' 0':G'.' +2, !' 10#0' +$%$05' %+' 6 !! 1+T H>F' .'70' $ ' 8 *-.' 40-' 1, ' %!#0%58' :++0++' % 20#$%'-' 50.#00' 6' 40-$%!' 4%$*#'$8' % 1'50' %-5' $, # *.,'.0-0#%!' %-5' 2 440#2'%!' 05*2%$' -' HNF' .'70' $ ':#9 60++#+' %-5' $0%2,0#+' %!#0%58' '-+$#*2$'-.' 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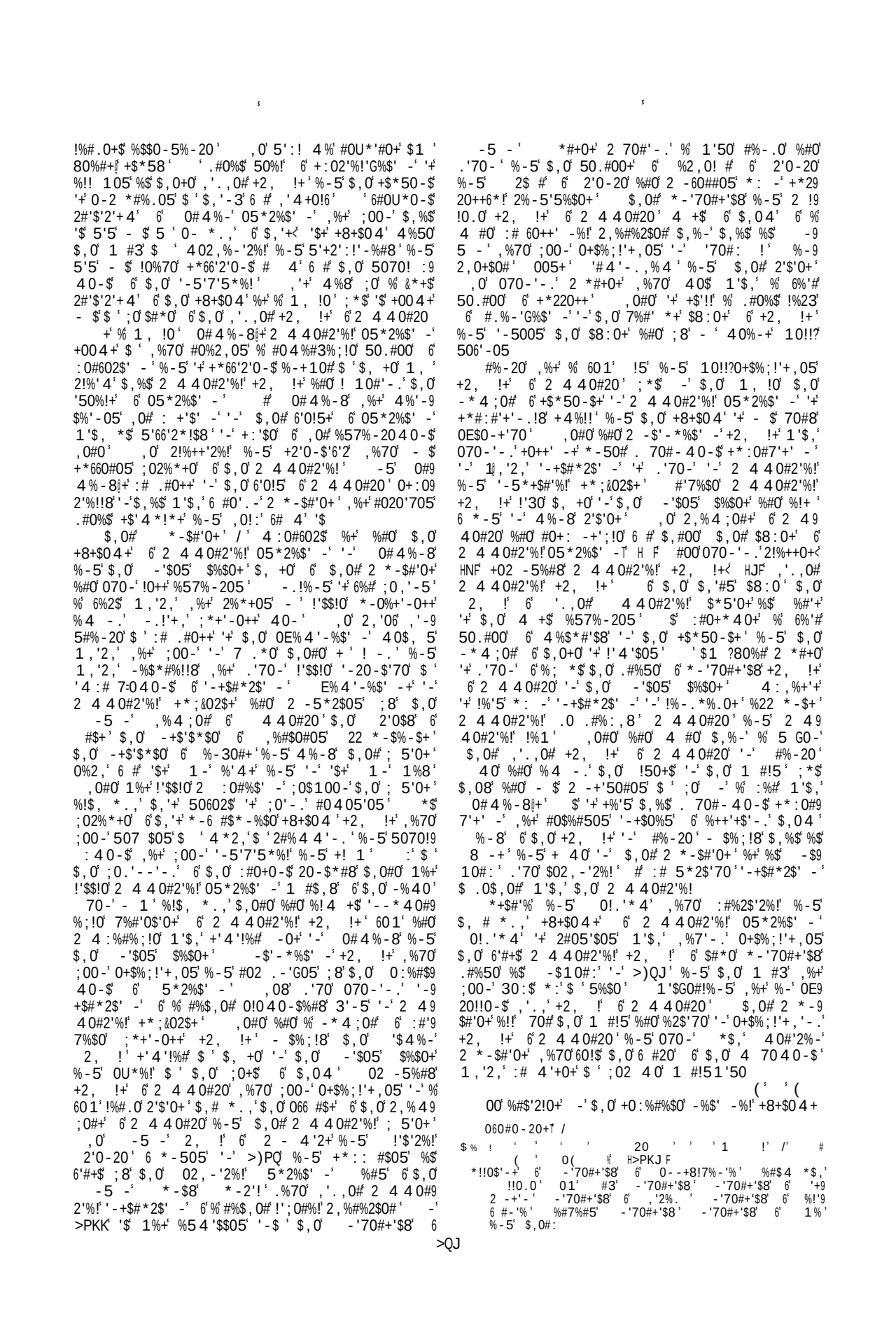

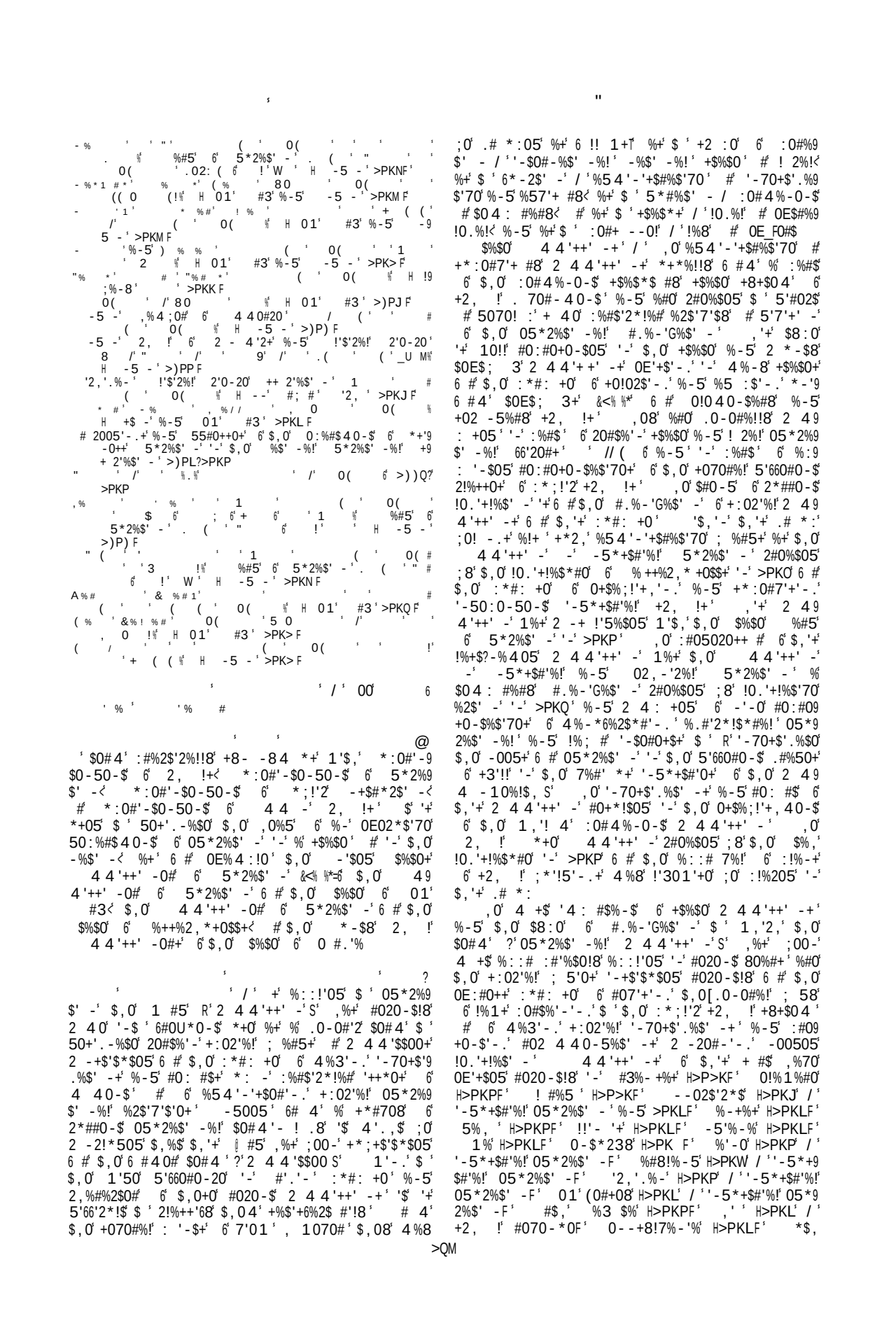

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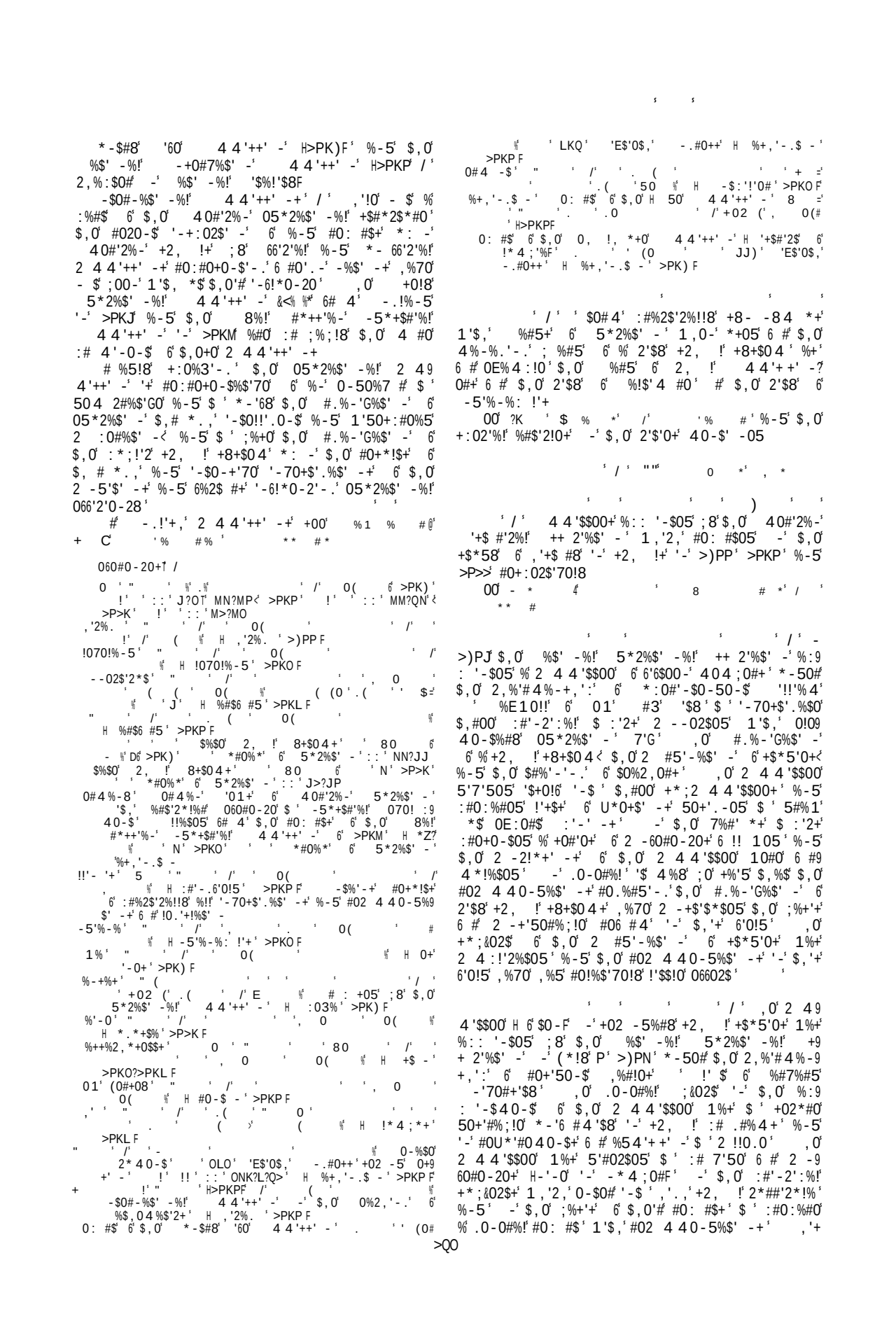

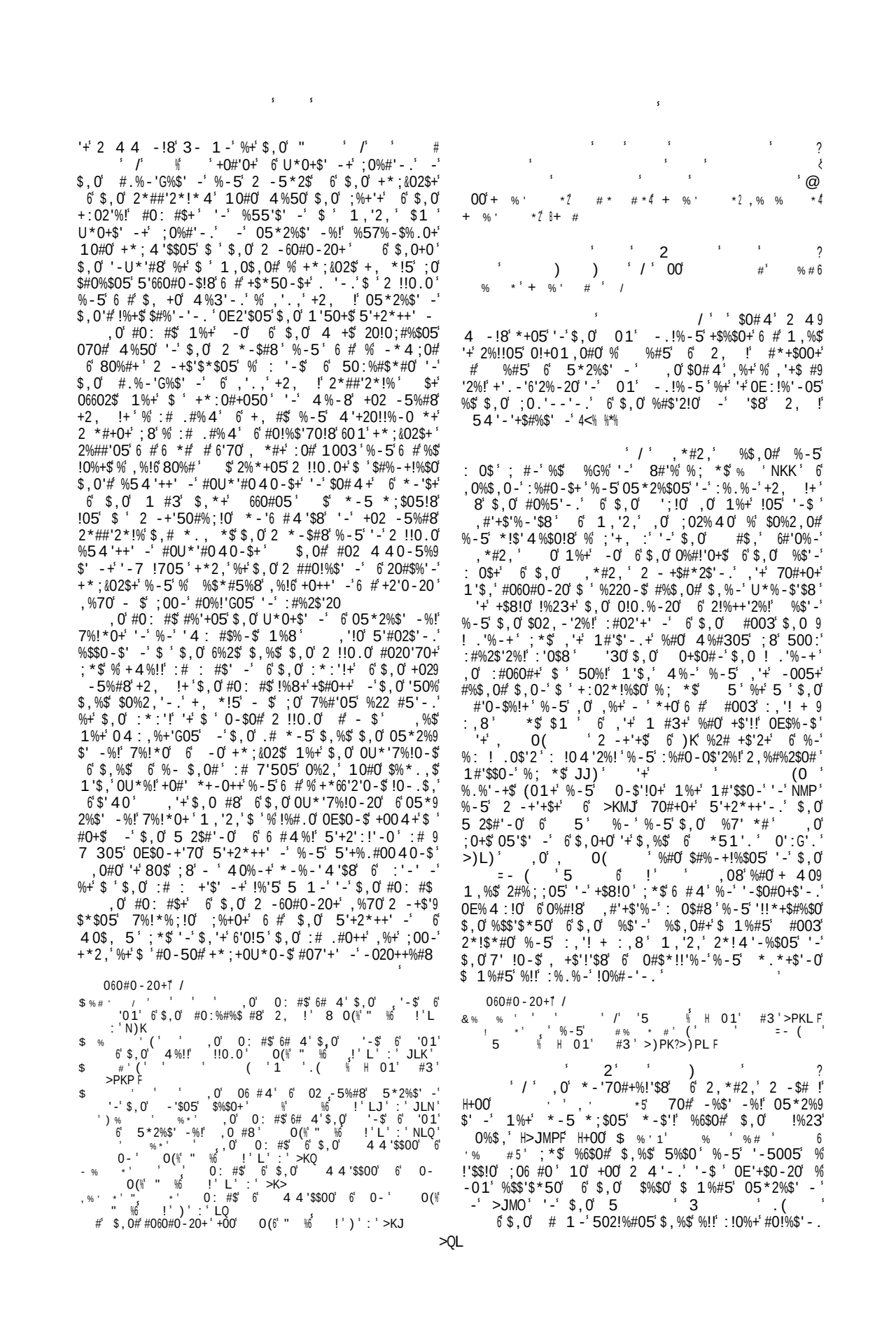

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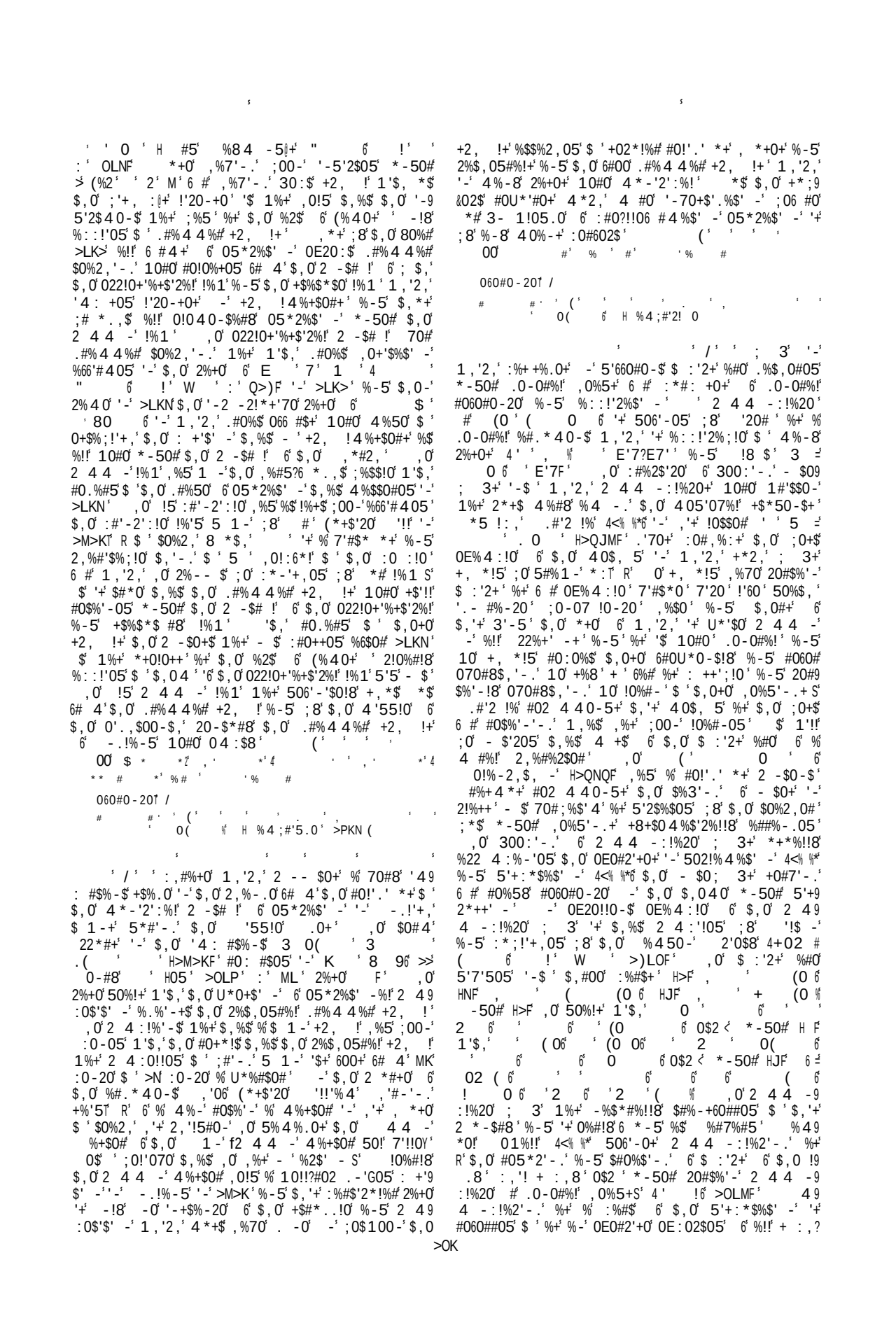
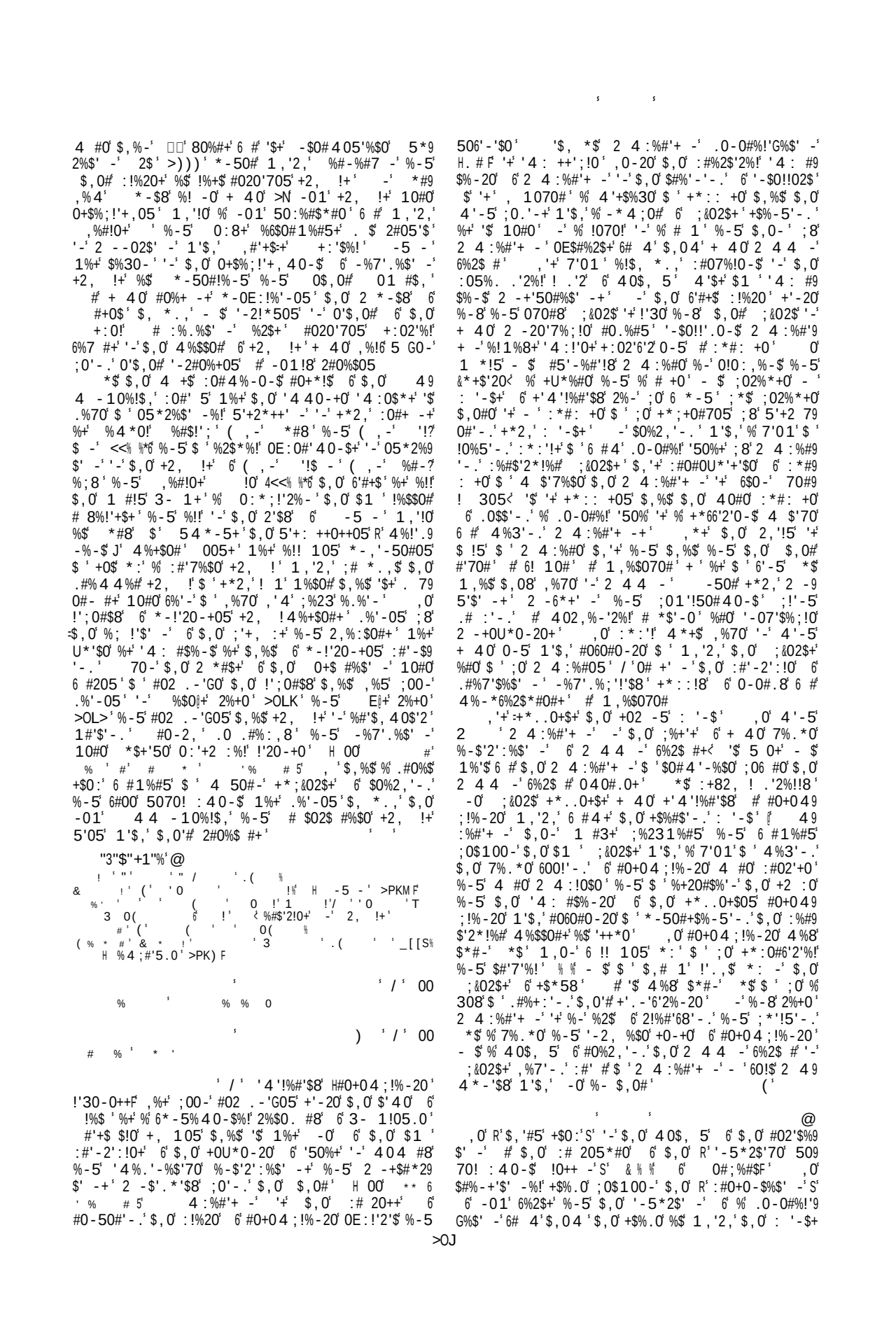
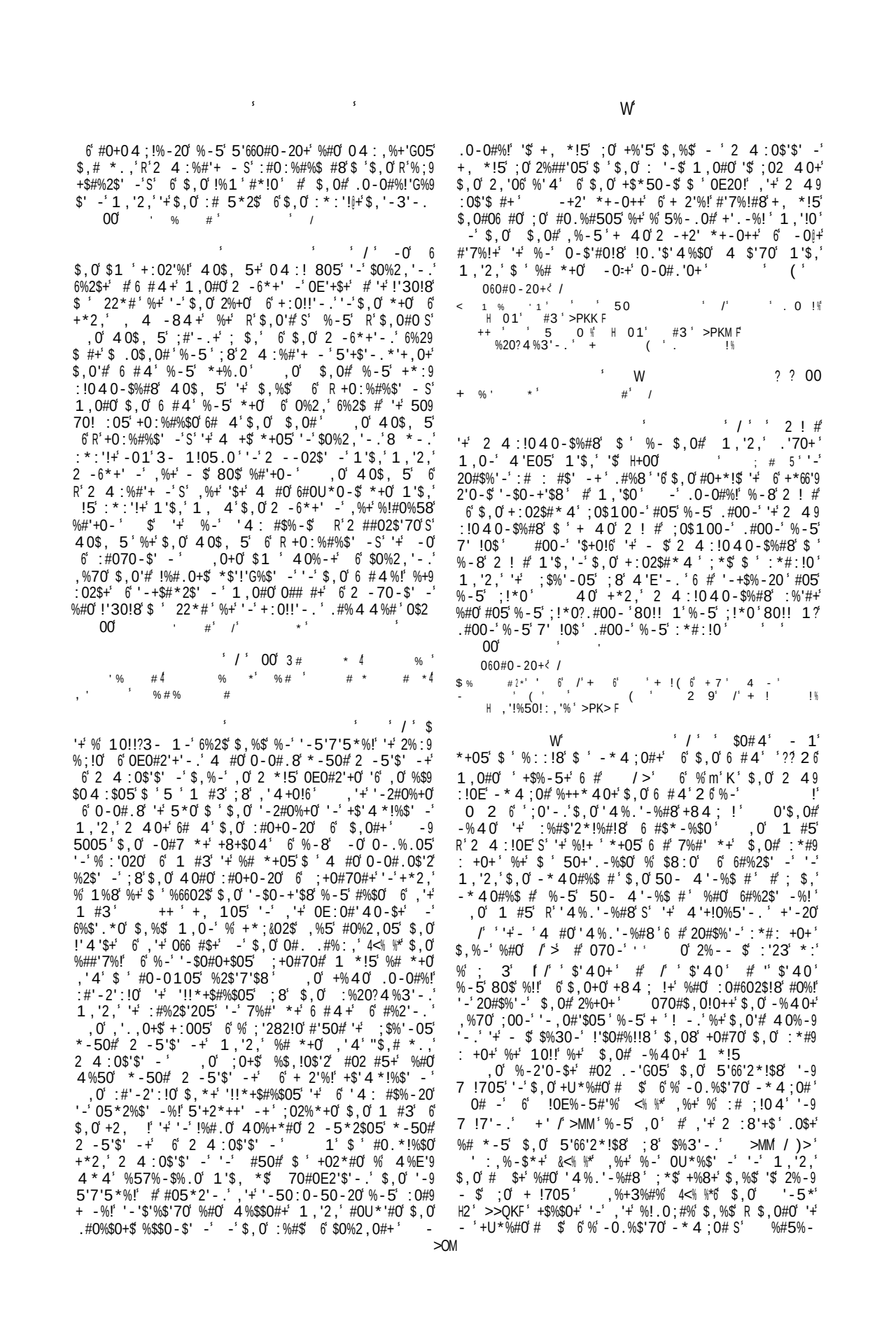
%2$ſ *$*-50#$,0ſ+$%$*$0ſ:# +02*$'-+ſ;0.%-ſ
,*+ſ-ſ %8ſ>ſ>Q)Mſ%&*#8ſ%$ſ$,0ſ '55!0+0Eſ
0++'-+ſ6 *-5ſ%Rſ #*0ſ '!!ſ$,%$ſ '!!'%4ſ
4'$,0#+ſ ſ 4'$,*#+0ſ 6ſ$,0ſ:%#'+,ſ 6ſ $ſ
$$!0+ſ'-ſ$,0ſ!';0#$8ſ 6ſ$,0ſ ,%#$0#, *+0ſ-0%#
-5 -ſ6# 4ſ$,0ſ+%'5ſ5%8ſ$ſ6'#+$ſ 6ſ(*!8ſ-0E$
6 !! 1'-.ſ5 2*'$ſ -.!'20ſ30:$0ſ%2 4 4 -ſ+2 !0ſ
'-ſ ſ› 50ſ ,%#$0#, *+0ſ:#05'2$ſ 1'$, *$
$,0ſ!'20-+0ſ 6ſ$,0ſ '+,:ſ # #5'-%#8ſ 6ſ$,0ſ
' 20+0ſS ſ . › " 6 ! ſ
:ſ>MPFſ 0#0ſ$,0ſ $%$0ſ'+ſ$%3'-.ſ*:ſ;8ſ+$%$*$0ſ
$,0ſ:%#$ſ:!%805ſ;8ſ$,0ſ ,*#2,ſ'-ſ$,0ſ6 *#$00-$,ſ
20-$*#8ſ ,0ſ-020++%#8ſ'-60#0-20ſ'+ſ$,%$ſ$,0ſ
2 4 4 -ſ!%1ſ1%+ſ$ ſ +$# -.ſ6 #ſ$,0ſ ,*#2,ſ
*$ſ$,0ſ%2$ſ 6ſ>Q)›ſ07'50-$!8ſ6%'!05ſ$ſ2,023ſ
$,0ſ*-!'20-+05ſ$0%2,'-.ſ$,%$ſ1%+ſ:# $02$05ſ;8ſ
$,0ſ2 4 4 -ſ!%1ſ6 #ſ'-ſ>OKMH›ſ(%2ſ ſ2ſMſ+02ſ
PFſ$,0ſ!%1ſ1%+ſ.#0%$!8ſ+$#0-.$,0-05ſ ,0ſ+029
$' -ſ:# 7'505ſ?ſ$,%$ſ- ſ:0#+ -ſ%6$0#ſ$,0ſ 0%+$ſ
6ſ $ſ '2,%0!ſ$,0ſ #2,%-.0!ſ-0E$ſ+,%!!ſ300:ſ
%-8ſ+2, !ſ #;0ſ%+2, !?4%+$0#ſ *$ſ 6ſ%-8ſ 6ſ
$,0ſ*-'70#+'$'0+ſ #2 !!0.0+ſ 6ſ$,'+ſ 0%!4ſ0E20:$ſ
'$;0ſ'-ſ+ 40ſ:*;!'2ſ #6#00ſ.#%44%#ſ +2, !ſ
#'-ſ+ 40ſ+*2,ſ- ;!04%-▯+ſ #ſ- ;!0?1 4%-▯+ſ
#ſ 0-$!04%-▯+ſ #ſ 0-$!01 4%-▯+ſ *+0ſ%+ſ
%#0ſ- $ 02*+%-$+ſ #1,0-ſ$,0ſ+%40ſ 2, !9
4%+$0#+,%!!ſ;0ſ+:02'%!!8ſ!'20-+05ſ$,0#0*-$ſ;8ſ
$,0ſ #2,;'+,:ſ '+,:ſ #*%#5'%-ſ 6ſ$,0ſ
+:'#'$*%!'$'0+?ſ 6ſ$,%$ſ ' 20+0‹*:-ſ:%'-ſ$,%$ſ
%+ſ 10!!ſ$,0ſ+2, !?4%+$0#ſ%+ſ%!+ſ$,0ſ:%#$8ſ$,%$ſ
+,%!!ſ#0$%'-ſ#4%'-$%'-ſ%-8ſ*+2,ſ+2, !?4%+$0#
2 -$#%#8ſ$ſ$,0ſ$#*0ſ'-$0-$%-5ſ40%-'-.ſ6ſ$,'+ſ
2$ſ+,%!!ſ6 #60'$ 0%2,ſ 6ſ$,04ſ6 #070#8ſ5%8
+ſ 1'!!'-.!8ſ 660-5'-.ſ6 #$8ſ+,'!!'-.+Sſ ,0ſ
2$ſ 6ſ -'6 #4'$8ſ 6ſ >OONſ4%50ſ$,0ſ+$%$*$0ſ
!%1ſ+$'!!ſ4 #0ſ+$#'-.0-$ſ ,0ſ+:'#'$*%!ſ2 -$# !ſ
6ſ+2, !4%+$0#+ſ 1%+ſ$'.,$0-05ſ$ſ$,0ſ;#0%39
'-.ſ:'-$ſ 02$' -ſ ſ #50#05ſ070#8ſ+2, !9
4%+$0#%-5ſ$*$ #$ſ2 -6 #4ſ$ſ$,0ſ!'$*#.8ſ%-5ſ
02$' -ſL:# 7'505ſ$,%$ſ+2, !4%+$0#+ſ$0%2,'-.ſ
'-ſ:#'7%$0ſ, *+0+ſ1'$, *$ſ!'20-+0ſ+, *!5ſ+*660#
$,#00ſ4 -$,+▯'4:#'+ -40-$ſ6 #$,0ſ6'#+$ 660-+0ſ
%-5ſ$,0ſ+%40ſ$0#4ſ1'$,ſ%6'-0ſ6'670ſ: *-5+6 #
$,0ſ+02 -5ſ%-5ſ$,'#5ſ 660-+0ſ ,0+0ſ+$%$*$0+ſ
:0#%$05ſ+'50ſ;8ſ+'50ſ1'$,ſ+$#'-.0-$ſ0:'+2 :%!ſ
%#$'2!0+ſ'-ſ7%#' *+ſ5' 20+0+ſ%+ſ$ſ!'20-+0+ſ%-5ſ
1'$,ſ%- -ſWW ſ6ſ>OKMſ1,'2,ſ,%5ſ4%50ſ
$,0ſ0:'+2 :%!ſ!'20-+0ſ-020++%#8ſ6 #ſ%!!ſ$0%2,0#+ſ
,0ſ'70ſ '!0ſ2$ſ6ſ>OOQ6#;%50ſ%!!ſ '++0-$0#+ſ
$ſ$0%2,ſ%$ſ%!!ſ1,'!0ſ #2,;'+,:ſ,0!5ſ-+0$ſ*:ſ
'-ſ,'+ſ:# 7'-20ſ%-ſ'-U*'+'$'-ſ'-$ſ$,0ſ6%'$,ſ6ſ%!!ſ
$0%2,0#+ſ:*;!'2ſ #:#'7%$0ſ ,0ſ: +'$'-ſ,%5ſ
;02 40ſ'-$!0#%;!0ſ%-5ſ$,0ſU*0+$ſ-ſ%# +0ſ
1,0$,0#$,0ſ2 4 4 -ſ!%1ſ6ſ05*2%$'-ſ2 *!5ſ
%++'+$ſ$,0ſ2 4 4 -ſ:0 :!0ſ ,0ſ6'#+$ +$%.0ſ6ſ
$,0ſ-01ſ4 7040-$ 1%+ſ$,0ſ*+*%!ſ -.!'+,'+$%.0ſ
(*#'0+ſ #06*+05ſ$ſ2 -7'2$ſ ,*+ſ-ſ %#'ſNLſ
>OLMſ%$#*0ſ;'!!ſ1%+ſ#0$*#-05ſ%.%'-+$%+2, !9
4'+$#0++ #%-20+ſ 05'-.6'0!5ſ6 #ſ $0%2,'-.ſ
1'$, *$%!'20-+0ſ -ſ:#'NLſ #%-20+ſ:*$,0#9
+0!6ſ*:-ſ%&*#8ſ6ſ$,0ſ2 *-$#8ſ%-5ſ-ſ(*!8ſ>Qſ
>OLMſ$,0ſ&*# #ſ502!%#05ſ,0#Rſ-$.*'!$8Sſ .%'-ſ
'-ſ(%-*%#8ſ>O)J?Mſ%$ſ '-2,!08ſ'-ſ '55!0+0Eſ
*+$'-ſ 1'6$ſ+2, !4%+$0#ſ5'5ſ$,0ſ+%40ſ$,'-.ſ
%-5ſ$,0ſ&*#8ſ6 *-5ſ,'4ſR'- $.*'!$8Sſ ,%$ſ1%+ſ
$,0ſ'-2 -70-'0-20ſ6ſ%$#'%!ſ;8ſ%2 4 4 -ſ!%1ſ
2 *#$ſ -+0U*0-$!8ſ$,0ſ022!0+'%+$'2%!ſ2 *#$+ſ
#0 :0-05ſ$,0'#5 #+ſ1'$,ſ$,0ſ#0+*!$ſ$,%$ſ$,0ſ
2 4 4 -ſ!%1ſ2 *#$+ſ6ſ 0+$4'-+$0#+02*#05ſ$,0'#
::#$*-'$8ſ%-5ſ;# *.,$ſ$,0ſ10%:-ſ6ſ:#,';'9
$' -ſ'-$ſ:!%8ſ ,0+0ſ2 *#$+ſ6 *-5ſ5'70#+ſ1%8+ſ
$ſ07%50ſ$,0ſ+$%$*$0ſ!%1ſ%-5ſ.'70ſ$,0ſ2 4 4 -ſ
!%1ſ6#00ſ:!%8ſ -ſ>OLKſ'-ſ 8 › ſ
H 0-$#'+▯" 6` `▯ ſ:ſM>Fſ$,0ſ '-.▯+ſ 0-2,ſ
.#%-$05ſ%ſ:# ,';'$' -ſ$ſ$,0ſ 44'++%#8ſ6ſ$,0ſ
#2,50%2 -ſ6ſ '2,4 -5ſ1, ſ,%5ſ0-50%7 #05ſ
$ſ0&02$' %$0+ſ6 #$0%2,'-.ſ1'$, *$%!'20-+0ſ
,0ſ2 *#$ſ,0!5ſ$,%$'%+ſ %$0+ſ,%5ſ;00-ſ:#0+0-$05ſ
;8ſ$,0ſ6 *-50#+ſ6ſ$,0ſ+2, !ſ$,0ſ022!0+'%+$'2%!ſ
2 *#$ſ2 *!5ſ -!8ſ(0 ſ,'4ſ -ſ$,0ſ2%+0ſ6ſ
$(9ſ7ſ10 ſ'-ſ >OPPſH %#$,01▯+ſ
" 6ſ:ſOOMFſ'$ 1%+ſ,0!5ſ$,%$ſ1,0-ſ$,0#0ſ
1%+ſ%2'7'!ſ#04058ſH*-50#ſ›(%2ſ ſ2ſM+ſU F%
+*'$'-ſ$,0ſ022!0+'%+$'2%!ſ2 *#$+ſ1 *!5ſ-$!'0ſ
0#0ſ10ſ,%70'%+02 -5ſ!'4'%*$'-ſ-ſ$,0ſ2 *#$+ſ
+:'#'$*%!‹%-5ſ80$ſ'6ſ$,0ſ%*$,#'$'0+ſ%::!'05ſ
6 #%2'7'!ſ#04058ſ&*#'0+ſ1 *!5ſ-$2 -7'2$ſ
*$ſ$,0ſ2 *#$+ſ10#0ſ:#0:%#05ſ$ſ .ſ4*2,ſ
6%#$,0#ſ$,%-ſ$,'+ſ -ſ›ſ HOO#0ſ
'!!'%4▯+" 6ſ!ſ ſ:ſNPFſ502'505ſ'-ſ$,0ſ
80%#>LKKſ'$ 1%+ſ,0!5ſ$,%$ſ$,0ſ !5ſ022!0+'%+$'2%!ſ
&*#'+5'2$' -ſ -!8ſ%::!'05ſ$ſ.#%44%#ſ+2, !+ſ
%-5ſ$,%$ſ'$ 5'5ſ-$%-5ſ-070#ſ,%5ſ%::!'05ſ$ſ
0!040-$%#8ſ+2, !+ſ+*2,ſ%+ſ#0%5'-.ſ%-5ſ1#'$'-.ſ
+2, !+ſ ſ:# ,';'$' -ſ$,0#06 #0ſ'++*05ſU*%+,9
'-.ſ:# 2005'-.+ſ%.%'-+$ Eſ'-ſ$,0ſ+:'#'$*%!ſ
2 *#$ſ %$ EO$0#ſ ,'+ſ:#'-2':!0ſ1%+ſ2%##'05ſ
%+$0:ſ6%#$,0#ſ'-ſ>LK›ſ1,0-ſ'-ſ$,0ſ2%+0ſ6ſ "



2 ' ') ' '
' / ' -' 4 +$' +2, !' ,'+$ #'0+' '$
1'!!' ;0' 6 *-5' $ ' ;0' %++* 405' $,%$' 5*#'-.' $,0'
'7'!' %# %-5' $,0' -$0##0.-*4' $,0' +2, !' 1%+'
'-' %;08%-20' #' '6' '$' '+' 6 *-5'. '-.' -' .#0%$
+*#:#'+0' '+' 0E:#0++05' %$ $,0' 6%2$' 6' 1,%$' '+
#0.%#505' %+' 0E20:$' -%!' 6%7 #' $ ' $,%$' :!%20'
+' % 4%$$0#' 6'6%2$' $,0' 4 4 -10%!$,' :0#' 5'
'+' -0' 6'.#0%$' %2$'7'$8' %-5' -01' 5070!:40-$+'
'-' $,0' 05*2%$' -%!' 1 #!5' ,0' '-$0!!02$*%!'
2!%++0+' 10#0' -' $,0' %#!'%40-$%#8'+'50' ,0'
8%!' :%#$8',%5'-' -%40+' $ ' :*$' '-' 2 4:0$'9
$' -' 1'$,' 0!50-' %-5' #8--0' '!$ -' %-5' %#9
70!!' ,0' +2, !+' %-5' *-'70#+'$'0+' 10#0' %
+:02'%!' ;&02$' 6' $,0' 2%#0' 6' %#!'%40-$'
,'!0' %*5'5# 70'+2, !4%+$0#+' 1,' 0E:#0++05'
'50%+' : : +05' $ ' ,'+' '-$ ' :#'+ -' !'30' '!!'
6' $' %*!+' #' *$' 6' 66'20' !'30' %-.!08' 6'
! *20+$0#'*-50#$,0' 44 -10%!$,'$,0'+2, !9
4%+$0#+' 1,' 4'-505'$,0'# 1-';*+'-0++'%-5'5'5'
-$'%2$*%!!8';0%#' %# 4+' 10#0' !06$' *-4 !0+$05'
'-' $,0'# :!%20+' ,0' 2%$,05#%!' .#%'&'4%#
+2, !+' 1,'2,' %#0' *+*%!!8'+*:: +05' $ ',%70'
;00-' $,0' ;&02$+' 6' %#!'%40-$%#8' %$$%23' #
+*::#0++' -' 10#0' +:02'%!!8' 2%#05' 6 #' 0#8'
+ -' %6$0#' $,0' 1%#' ;0.%-' -' 2$' >M' >OMN'
$,0' 0+$%$0+' 6' 50%-' %-5' 2,%:$0#+' 10#0' #50#05'
$ ' ;0' +0U*0+$0#05' ;*$' $,0' #50# 2 -$%'-05' %
:# 7'+' $,%$' R'%!! 1%-20+' %++'.-05' 6 #' +2, !%#+'
%-5' $,0# 2,%#'$%;!0' *+0+' S' 10#0' - $' $ ' ;0'
'-$0##*:$05' ' 80%# !%$0#' $,0' %#!'%40-$%#8' %$%23' #
+*::#0++' -' 10#0' +:02'%!!8' 2%#05' 6 #' 0#8'
+ -' %6$0#' $,0' 1%#' ;0.%-' -' 2$' >M' >OMN'
$,0' 0+$%$0+' 6' 50%-' %-5' 2,%:$0#+' 10#0' #50#05'
$ ' ;0' +0U*0+$0#05' ;*$' $,0' #50# 2 -$%'-05' %
:# 7'+' $,%$' R'%!! 1%-20+' %++'.-05' 6 #' +2, !%#+'
%-5' $,0# 2,%#'$%;!0' *+0+' S' 10#0' - $' $ ' ;0'
'-$0##*:$05' ' 80%# !%$0#' $,0' %#!'%40-$%#8' %$%23' #
2 44'$$00' 6 #' :!*-50#05' 4'-'+$0#+' 1%+' 0E9
$0-505' $ ' +2, !4%+$0#+' %-5' %+' $,0' #50# 6 #
+0U*0+$#%$' -' 6' 2,%:$0# 0+$%$0+' .#%5*%!!8';09
2%40' 0660 2'$70' : 7D0# 1%+' .'70-' $ ' $,'+' 2 49
4'$$00' $ ' #0!'070' : #+2, !4%+$0#+' %+' 10!!' %+'
4'-'+$0#+' $,0#0 *$' 1,'!0',%7'-.' : 10# $ ' #09
4 70' +2%-5%! *+' +2, !4%+$0#+' ,08' %2$05'
1'$,' &*5'2'%!' 6%'#-0++' $' %-$0#;*#8' %#$'9
2!0+' ;# *.,$' %.%'-+$' *55' $,0' 4%+$0#' 6' $,0'
2%$,05#%!' .#%44%#' +2, !' -' (%-' NN'
>OMM' 10#0' #060##05' $ ' %' ! 2%!' 2 44'$$00' 6'
404;0#+' 6' %#!'%40-$' %-5' 2'$8' 2 *-2'!! #+'
$ ' 0E%4'-0' -' 7' NQ' +070#%!' 404;0#+'
10#0' %5505' $ ' ,0%#' *55' %-5' 0E%4'-0' 1'$9
-0++0+' -' :#' M' >OMO',' %-+10#' %-5' $,0'
0E%4'-%$' -+' 10#0' +0-$';%23' $ ' $,0' 2 44'$$00'
$ ' ,0%#' #' *55' %.%'-' %-5' 070-$*%!!8',0'
#04%'-05' %-5' 5'05' '-' 66'20' '-' >OMP' , *.,'
%6$0#' E6 #5' 1%+' $%30-' $,0' 2 !!0.0+' 10#0' -%$9
#%!!8':#.05' 6' $, +0' 1, ',%5'%2$*%!!8'$%30-'
%#4+' %.%'-+$' %#!'%40-$' # 1,' #06*+05' $ '
%220:$' $,0' #0.'40' %-5' $1 ' $,'#5+' 6' 01'
!!0.0' 1%+' $,*+'#04 705< 80$' %+' + -' %+' $,0'
1%#' 1%+' 70#' $,0' #0.*!%#' +*220++' -' 6' +2, !9
%#+' 6# 4' '-2,0+$0#' !!0.0' 1%+' #0+*405'
%-5' $,0' 7%2%-$' :!%20+' 10#0' !%#.0!8'6'!!05';8' !5'
830,%4'+$+' ,0-';0' # 7 +$' 6' $ -'#%-'
%1%8' $ ' & '-' $,0' '-.',' :!%20' 1%+' +*::!'05'
;8' -0' 6' $,0' 4 +$' 04'-0-$' +2, !%#+' 1,' 070#
,0!5' $,0' 66'20' #%-2'+' *+' %6$0#1%#5+'
+:0%30#' $ ' -0' 6' # 410!!+' :%#!'%40-$+'
0+$4'-+$0#' *-50#' *+;8' &<% %*' 1%+' $%30-'
*-50#' $,0' +:02'%!' 2%#0' 6' %#!'%40-$' %-5' %
-01'.70#-'-.'; 58' 2#0%$05' ;8' %2$' 6' %#!'%9
40-$' 6 #' '$' $' '+' #04%#3%;!0' $,%$' $,0' $1'
0%#!'0+$' +2, !' !'+$+' 0E$%-$' %#0' $, +0' 6' '-9
2,0+$0#' '-' >OQN' %-5' 0+$4'-+$0#' '-' >OQJ' %-5'
+ 40' 6' $,0' 4 +$' 6%4 *+' :0#+ -+' $,08' :# 9
5*205' 10#0' 5*#'-.' $,%$' :0#' 5' % %' '+, :'
0-' %$' '-2,0+$0#' %-5' #850-' %$' 0+$4'-9
+$0#' $' 1%+' %$' $,'+' $'40' '-' >OQK' $,%$' %$'
'-2,0+$0#' $,0' 10!!?3-1-' %$'-' : 04' 509
+2#':$'70' 6' $,0'+2, !'!'60'1%+'&'# 5*205' ,0-'
50%:+' %-5' 2,%:$0#+' 10#0' %'F !'+,05';8' %2$' 6'
%#!'%40-$' -' :#' JK' >OMP' +:02'%!' :# 7'+' -+'
10#0' 4%50' $ ' :#070-$' 0+$4'-+$0#' $ -' %-5'
'-2,0+$0# 6# 4'+*660#'-.' '-' #070-*0' %-5' $,0'
+:'#'$*%!' :# :0#$8' 6' $,0' 2,%:$0#+' 1%+' .'70-'
$ ' >J $#*+$00+' %-5' %6$0#1%#5+' $ ' % -'70#+'$8'
06 #4' 44'$$00'6 #%*.40-$%$' -' 6' +%!%#'0+'
6' : #' 4'-'+$0#+' %-5' +2, !4%+$0#+' 1,'!0'
□□□' %80%# 1%+' %++'.-05' 6 #$,0' *-'70#+'$'0+'
-50#$,'+' :# 7'+' -' $,0' +%!%#'0+' 6' 2%$,05#%!'
.#%44%#' +2, !4%+$0#+' 6' ,0+$0#' ,'2,0+$0#'
#,%4' 2,0+$0#' %!'+;#8' %-5' $' -9
$, -8+' 2, !' -5 -' 1,'2,' !%+$' 1%+' :%'5'
6# 4' $' 0 #.0+' ,*#2,' '-5+ #' 10#0' '-9
2#0%+05' %-5' '-' 4%-8'2%+0+' 5 *;!05< %-5' $,0#
+2, !+' 1,'2,' 10#0' !5' .#%44%#' +2, !+' 2 -9
6'+2%$05' ;8' 51%#5' '%-5' :%'5' *$' 6' # 1-'
#070-*0+' #020'705'+'4'!%#' '-2#0%+0+' ,0',0%5+'
6' 4 +$' 2 !!0.0+' '-' $,0' *-'70#+'$'0+' . $' !%#.0'
%*.40-$%$' -+' ,*+' $,0' 4%+$0#' 6' 04;# 30'
%!!' %4;#'5.0' #020'705' aLK' %' 80%#' 6' 0$0#?'
,*+0' aQJ' 6' $' (,-+' $' 5' !%#0' a □□< 1,'!0'
%$' E6 #5' %5,%4']*00-+' %-5' '-2 !-' #09
20'705' aOJ' #%+0-+0' aPK' %-5' %!!' !' %-5'
-'70#+'$8' !!0.0+' aPJ' %' 80%#' ,0' !02$*#0#'
'-' %+$# - 48' %$' E6 #5' 1%+' '-2#0%+05' 6'#+$
aQK' %-5' $,0-' $ ' a)K' %' 80%#' 4405'%$0!8'
;06 #0' %-5' %6$0#' $,0' 5'++ !*$' -' 6' 2,%:$0#+' $,0'
2 *-$8' 6' *#,%4' :0$'$' -05' 6 #$,0' 0+$%;!'+,9
40-$' 6'%*-'70#+'$8' 2 !!0.0' $,0#0' *$' 1'-.'
$ ' $,0' 1%#+' '$' 1%+' - $'$'!!' %8' >Q >OQL' $,%$' '$'
1%+' 6 *-505';8' 0$$0#+' %$0-$' 6' !'70#' # 49
10!!' 1'$,' : 10#$ ' %2U*'#0'!%-5+' *:' $ 'a' OKKK' %
80%#' ' :# 7 +$' %-5' >N60!! 1+' 10#0' %: ' '-$05'
NM' +2, !%#+' %-5' >N 0E,';'$' -0#+' 0E$' 80%#'
'$' :0$'$' -05' 6 #' 10#' $' .#%-$ 50.#00+' !'9
70#' 5'05' %-5' ;06 #0' $,0' : +'$' -' 6' E6 #5'
%-5' %4;#'5.0' 1%+' 6'-%!!8'+0$$!05' $,0' 0+$ #%9
$' -' 2%40'%-5'$,0'0-5 140-$+'#070#$05' $ ' 1,%$'
#%-40#' 2%!!05' R' $,0' 6%$' %-5' !%G8' :#0;0-5%#'0+' S'
$ 1%+' -0%#!8' $1 ' 20-$*#'0+' ;06 #0' *#,%4' %$'
!%+$' '-' >)JN'. $' '$+' *-'70#+'$8' 6# 4' $,0' +%40'
+ *#20' $,0'+*::#0++05';#0;0-5+' 6' $,0' 2%$,05#%!'
# : +%!+' 10#0' %!+' 4%50' 6 #' %' -5 -' *-'70#9
+'$8';*$' - $' 2%##'05' *$' %-5' -5 -' $ ' ,%5'
$ ' 1%'$' $1 ' 20-$*#'0+' 6 #' '$+' *-'70#+'$8
1 ' 5'+$#'2$+' 0+:02'%!!8';0-06'$05';8' $,0'
44 -10%!$,' R' -' %2$' 6 #$,0' # :%.%$' -'
6' $,0' +:0!' %-5' $,0' %'-$0-%-20' 6' .5!8' %-5'
%;!0' 4'-'+$0#+' %-5' +2, !4%+$0#+' S' 1%+' :%++05'
6 #' %!0+' -' 0;' NN' %-5' 6 #' $,0' 6 *# -#$,9
0#-' 2 *-$'0+' 6' -.!%-5' -' %#' >' >OQK' 079
0#%!' !5'+2, !+',%5'$,0'#0-5 140-$+''-2#0%+05'
1,'!0' +40' NM' -01' +2, !+' 10#0' 0+$%;!'+,05' '-'
%!0+' *$'%.%'-' 1,0-' $,0' 0+$ #%$' -' 2%40'
$, +0' +2, !+' 20%+05' %-5' %!0+' ,%5' $ ' 1%'$





4<% % 2%!!+ $,0+0 -*4;0#+ + :,'+$'2 H>QMQF ,0 $0#4+ R#0%!S %-5 R'4%.'-%#8S 10#0 6'#+$ %::!'05 $ $,0 # $+ 6 %- 0U*%$' - ;8 0+9 2%#$0+ <% % '- >OJL
  -*4;0# 6 066 #$+ 10#0 4%50 ;8 1#'$0#+ ;0$100- >OQK %-5 >)KK $ 4%30 $,0 +*;&02$ 4 #0 #0%!- $%;!8;8 %!!'+ H>O)QF 0 '7#0 H>LJKF *!0# H>LM)F %-5 '',- H>LQKF 0 ,! '7#0 5070! :05 $,0 '4: #$%-$ 6 #4*!% H2 + c +'- %FR m 2 + c +'- 6 %-5 *!0# $,0 #04%#3%;!0 2 -+0U*0-20 $,%$ 2 + c +'- m 0" 6# 4 1,'2, '$ %$ -20 6 !! 1+ ;8 !0$$'- d $,%$ / > m ,0 4 +$ '4: #$%-$ +$0 $%30- '- $,0 5'#02$' - 6 4%3'-. $,0 '49 %.'-%#8 +004 %+ #0%! %+ $,0# %#$'6'2'%! -*4;0#+ 1%+ $%30- ;8 %+:%# 0++0! H>LMQ?>)>)F % #10.'%- ;8 ;'#$, %-5 % %-0 ;8 %5 :$' - 0 :#0+0-$05 ,'+ 6%4 *+ 404 '# # ! (/ (6 %$:0-,%.0- '- >LPL - $,'+ ,0 +0$+ 6 #$, $,0 4 50#- .#%:,'2 #0:#0+0-$%$' - 6 $,0 2 4:!0E -*4;0# 0++0-$'%!!8 %+ '$ '+ .'70- $?5%8 '- %!.0;#% %#' *+ $,0# 1#'$0#+ '.- #%-$ 6 $,'+ 404 '# + - 0-$0#05 $,0 +%40 6'0!5 6 $,0+0 $,0 .#0%$0+$ 1%+ %*++ 1, '- >)J> +0$ 6 #$,$,0 $,0 #8 '-+ 401,%$ $,0 +%40 4%--0# %+ 0++0! #'06!8 +$%$05 $,0 .#%:,'2 #0:#0+0-$%$' - '+ %+ 6 !! 1+ GG #0:#0+0-$+ $,0 %E'+ 6 #0%! -*4;0#+ G ;0'-. m : +'$'70 %-5 G ;0'-. -0.%$'70 K K #0:#0+0-$+ $,0 %E'+ 6 '4%.? %.'-%#'0+ K K ;0'-. : +'$'70 %-5 K K ;0'-. -0.%$'70 ,0 +84; !+ ?$? e 6 6 %-5 / %#0 ;02%*+0 6 $,0 6%2$ $,%$ $,0 2 4:!0E -*4;0# %::0%#+ '- $,0 +$*58 6 U*%5#%$'2+ $ '+ 0-$'#0!8 60%+';!0 $.'70 % ;#'06 0E:!%-%$' - 6 $,0+0 -*4;0#+ $ % 2!%++ '- $,0 ,'.,+2, ! %!$, *.,'%-8 2!0%# *-50#+$%-5'-. 6 $,0 .0-0#%! $,0 #8 6 $,0 .#%:,'2 #0:#0+0-$%$' - - $,0 :%#$ 6 $,0 :*:'!+ '+ - $ $;0 0E:02$05 %-8 %!.0;#%+ %$:#0+0-$.'70 +*2, % ;#'06 '-$# 5*29 $' - $ $,0 $,0 #8 / ,0-070# % 404 #8 '4%.0 '+ + '-$'4%$0!7 #0!%$05 $ % :#0+0-$ 0E:0#'0-20 $,%$ $,0 4'-5 '+ *-%;!0 $ 5'+2#'49 '-%$0 ;0$100- $, +0 0!040-$+ 6 0E:0#'0-20 1,'2, %#0 - 1 :#0+0-$05 $ $,0 +0-+0+ %-5 $, +0 1,'2, %#0 5#%1- *$ 6 404 #8 %2 49 :!'2%$' - '+ +%'5 $ %#'+0 - 0E%4:!0 6 +*2, 2 4:!'2%$' - '+ +00- '- $,0 0E:0#'0-20+ 50#'705 6# 4 1 #5 1,0#0 $,0 + *-5 # $,0 7'+*%! +0-+%$' -+ 1,'2, %# *+0 $,0 0E:0#'0-20 6 $,0 1 #5 2%-- $;0 5'+$'-.*'+,05 ;8 $,0 !'+$0-0# # #0%50# 6# 4 $,0 '-$0#:#0$%$' -+ 1,'2, ,0 '4 405'%$0!8 %55+ $ $,0 + *-5+ # $,0 7'+*%! '4%.0 - $,0# '!!*+$#%$' - '+ $;0 6 *-5 '- $,0 0E%4:!0 6 $,0 :0#+ - 1, +00+ % 1,'$0 ;&02$ '- $,0 5*+3 %-5 4'+$%30+ '$ 6 # %. , +$ 0 5 0+ - $ 5'+$'-.*'+, ;0$100- ,'+ 7'+*%! +0-+%$' - %-5 $,0 '-$0#:#0$%$' - 1,'2, 2 40+ 6# 4 ,'+ 0E2'$05 0E:0#'0-20 $ '+ '4: #$%-$ $,%$ $0%2,0#+ #02 .-'G0 $,0 6%2$ $,%$ 4 +$ 0E:0#'0-20+ %#0 2 4:!'2%$' -+ + $,%$ $,08 4%8 #0%!'G0 $,0 5'66'2*!$'0+ 1,'2, $,0 :*:'!+ ,%70 '- %##'7'-. %$ % 6*!! *-50#+$%-5'-. 6 1,%$ '+ '- $,0 $0%2,0#+ 4'-5 1,0- $0%2,0# %-5 2,'!5 ,%70 $,0 +%40 +0-+ #8 4%$0#'%! ;*$ $ $%!!8 5'660#0-$ 404 #8 '4%.0+ %2$'-. *: - $,'+ 4%$0#'%! (
060#0-20 /
, O /+!(!% H 01 #3
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/ ,0 R:*$$'-.$ .0$,0#S 6!'-0+ 4%++0+ %-5 2 ! #+ $ 2#0%$0 % ,%# 4 -8 00 # , *4 / + %' # 4 * #4 0$2
/ ,0 $0# 4 R 2 4: +'$' -S '+ %::!'05 $ $,0 .# *:'-. 6 6'.*#0+ # $,0# ;&02$+ '- :%'-$'-. %-5 +2*!:$*#0 %-5 $ $,0 .# *:'-. 6 '50%+ '- !%-.*%.0 - 0%2, 2%+0 $,0 0-5 +*.,$;8 +*2,.# *:'-. '+ $,0 %$$%'-9 40-$ 6 20#$%'- .0-0#%! 066O2$+ '- $,0 1, !0 1 #3 $'+ 6 $,0 .# *:'-. 6 '50%+ 0E:#0++05 '- 1 #5+ $,%$ $,'+ %#$'2!0 $#0%$+ , *.,$,0 $0# 4 R #,0$ #'2S %-5 R 2 4: +'9 $' -S %#0 6#0U*0-$!8 6 *-5 $ .0$,0# %-5 + 409 $'40 2 -6*+05 $,08 :# :0#!8 50+'.-%$0 $1 U*'$0 5'+$'-2$:,%+0+ 6 $,0 +*;&02$,0$ #'2 '+ 2 -20#-05 1'$,$,0 $,0 #0$'2%!+'50 1'$,$,0 !%1+ 6 0E:#0++ - ,0 $0# 4 R 2 4: +'$' -S 40%-+ H F $,0 %::!'2%$' - 6 $, +0 !%1+ 2 -9 +2' *+!8 # *-2 -+2' *+!8 '-+: 30- # 1#'$$0- 5'+2 *#+0 # HNF $,0 5'+2 *#+0 '$+0!6 $#0%$'+0

2 -+'50#05 %+ +8 4; !+ 6 5'#02$' - M ;0'-. $ $,0 #'.,$ 6 e ;0'-. $ $,0 !06$;0'-. *:6# 4 S6 %-5 / ;0'-. 5 1-6# 4 S (*+$ %+ $,0 +*4 6 2M %-5 / J 4%30 %-*4;0# 1, +0 %;+ !*$0 7%!*0 H7%!*0 '-50:0-59 0-$ 6 5'#02$' -F '+ !0++ $,%-M # J + %2 ! #0:#0+0-$+ % -*4;0# 1, +0 %;+ !*$0 7%!*0 7%!*0 '+ - $ $,0 +*4 6 $,0 %;+ !*$0 7%!*0+ 6 %-5 !% ,'+ +*4 '+ #0:#0+0-$05 ;8 $,0 !'-0 +6 # # ,'+ 2 4:!0E -*4;0# 4%8 ;0 #0:#0+0-$05 %-%!8$'2%!!8 '- +070#%! 1%8+ %+ E?? ! 6 H2 + AB ?? +'- F # #0I 40$'40+ -0 6 #4 '+ $,0 4 #0 2 -70-'0-$ %-5 + 40$'40+ %- $,0# 4:!0E -*4;0#+ %#0 +*;&02$ $ $,0 #5'-%#8 !%1+ 6 :0#%$' -+ ;0'-. %5505 +*;$#%2$05 4*!$':!'05 %-5 5'7'505 + 401,%$ %+ $,0# -*4;0#+ %#0 ,0+0 7%#' *+ :0#%$' -+ %#0 0%+'!8 #0:#0+0-$05 .#%:,'2%!!8
,0 +*;&02$,%+ #020-$!8 %$$#%2$05 $,0 %$9 $0-$' - 6 $0%2,0#+ 6 0!040-$%#8 %!.0;#%

-' #!'0$ #'2'=':+' % +8+$0 4 %$'2' :#0+0-$%$' -' 6' $,0' !%1+' 6' 5'+2 *#+0' .0-0#%!!8' '!!*+$#%$05' ;8' +:02'40-+' 6' +*2,' 5'+2 *#+0' 4: +'$' -' '+' $,0#06 #0' %-' %#$' %+' 5'+$'-.*'+,05' 6# 4' %'+2'0-20' $' '+' 4 #0 70#' %-' %#$' $,%$' '+' '-' 2 -+$%-$' 049 :! 840-$' ;8' %!!' - #4%!' :0 :!0' 0'$,0#' '-' '$+' +: 30-' #' 1#'$$0-' 6 #4<' $, *.,' $,0' 5'660#0-20' '+' 70#8' .#0%$' '-' $,0' +3'!!' 1'$,' 1,'2,' $,0' %#$' '+' :#%2$'205' ;8' 5'660#0-$' :0 :!0

,0' 6 *#' 6*-5%40-$%!' :# 20++0+' 6' 2 49 : +'$' -' %#0' 5'+$'-.*'+,05' ;8' $,0' 0-5+' $,08' ,%70' -' 7'01↑ -%##%$' -' 1,'2,' %'4+' %$' $0!!'-.' %'+$ #8' #'%+*220++' -' 6'-2'50-$+< 50+2#':$' -' 1,'2,' %'4+' $ ' 50+2#';0' #: #$#%8' %-5' 1,'2,' 4 +$' 2 4 4 -!8' 4%30+' '$+' %:0%!' $ ' $,0' 7'+*%!' '4%.'-%$' -< 0E: +'$' -' 1, +0' :*#: +0' '+' $ ' 0E:!%'-< %-5' %#.*40-$' 1, +0' :*#: +0' '+' $ ' :# 70' + 40' :# : +'$' -' ,'!0' $,0' 5'+$'-29 $' -+' %4 -.' $,0+0' 6 #4+' %#0' 6$0-' 2 -70-'0-$' '-' '-+$#*2$' -' '$' 4 *+$' ;0' #0404;0#05' $,%$' $,0' 7%#' *+' 6 #4+' %#0' +0!5 4' 6 *-5' 0-$'#0!8' 5'+9 $'-2$' %##%$' -' %-5' 50+2#':$' -' %#0' 6$0-' 6 *-5' '-' $,0' +%40' 2 4: +'$' -' #0 70#' $,0' 40$, 5+' 6' $,0' $1 ' %#0' 6$0-' + ' 2! +0!8' %!'30'$,%$' '$' '+' 5'66'2*!$ $ ' +%8' 6'20#$%'-' :%++%.0+' $ ' 1,'2,' 6' $,0' $1 ' :# 20++0+' $,08' ;0! -.' E: +'$' -' %-5' %#.*40-$' %#0' 6$0-' 6 *-5' $ 9 .0$,0#' $, *.,' $,0' !'-0' ;0$100-' $,04' '+' 0%+8' $ ' 5#%1' *$' 0E: +'$' -' %-5' 50+2#':$' -' %.%'-' 6$0-' 70#!%:' 0%2,' $,0#' ,0' 6*!!' $#0%$40-$' 6' $,04' ;0! -.+' $' $,0' $,0 #8' 6'#,0$ #'2'#%$,0#' $,%-' $ ' $,0' %#$' 6' 2 4: +'$' -' %-5' 6'-5+' -' :!%20' 0'$,0#' '-' $,0' 4 50#-' $0E$; 3' 6' 2 49 : +'$' -' #' '-' $,0' 1 #3' 6' $,0' $0%2,0#' 6' $,0+0' 6 *#' :# 20++0+' 0E: +'$' -' '+' ;8' 6%#' $,0' 4 +$' 2 4 4 -' ; $,' '-' 1#'$$0-' %-5' '-' +: 30-' !%-.*%.0< -%##%$' -' 2 40+' -0E$' '-' #50#' 6' 6#0U*0-28' E20:$' '-' !'$0#%#8' 1 #3+' 50+2#':9 $' -+' %#0' *+*%!!8' !'4'$05' $ ' % 601' 1 #5+' E9 20:$' '-' 6 #4%!' :#0+0-$%$' -+' 6' :# : +'$' -+' '-' !%1' +2'0-20' #' $,0' !'30' %#.*40-$+' +0!5 4' :# 2005' ;08 -5' % 601' +0-$0-20+

4: +'$' -' ! 3+' #%$,0#' $ ' $,0' 0-5' $ ' ;0' %$$%'-05' % %' $,0' 0660 2$' $ ' ;0' :# 5*205' $,%-' $ ' $,0' 04:! 840-$' #' $,0' :#%2$'20' 6' %-8' -0' 6' $,0+0' $8:0' 6 #4+' 6' 1#'$'-.' $, *.,' $,0' !%1+' 6' 0%2,' 4*+$' 6$0-' ;0' 2 -+2' *+!8' *+05' ;8' $,0' 1#'$0#' -' +2'0-$'6'2' 0E: +'$' -' #' '-' +0#' *+' %#.*40-$', 1070#' '$' '+' -020++%#8' $ ' %5,0#0' 4 #0' 2! +0!8' $ ' $,0' $8:0

,0' 0%2,'-.' 6' 4: +'$' -' / ' '$,'-' $,0' :%+$'$10-$8%'6'70'80%#+' $,0' %#$' 6'2 4: +'$' -',%+' %++* 405' 6%#' .#0%$0#' '4: #$%-20' $,%-' ;06 #0' ' ! -.' %+' $,0' '50%!+' 6' 2!%++'2%!' +$*58' #*!05' $,0' +2, !+' %-5' 2*!$*#0' 1%+' $, *.,' $' $ ' 2 40' :#'-2':%!!8' 6# 4' %' 3- 1!05.0' 6' #003' %-5' %$'-' 0E:#0++' -' '-' -.!'+,' 1%+' -0.!02$05' ;8' $0%2,0#+' '$,' $,0' ;#0%3'-.' %1%8' 6# 4' $,0' 2!%++'2%!' $#%5'$' -' %-5' $,0' '-2#0%+05' #02 .-'9 $' -' 6' $,0' 05*2%$' -%!' 7%!*0' '-' $,0' +$*58' 6' 4 50#-' !'60' %-5' 0-7'# -40-$' $,0' 4'-5+' 6' $0%2,0#+' $*#-05' 4 #0' %-5' 4 #0' $ 1%#5' '-9 +$#*2$' -' '-' $,0' 4 $,0#' $ -.*0' ,0' ;0.'-9 -'-.+' 6' $,0' 4 7040-$'. ';%23'-5005' $' $,0' 5%8+' 6' #%-3!'-' %-5' (0660#+ -' *$' $,0 .0-0#%!' 4 7040-$' 070-' '-' + 40' 6' $,0' 4 #0' ;%231%#5' +2, !+' 2%-- $' ;0' +%'5' $ ' ,%70' ;09 2 40' 0+$%;!'+,05' ;06 #0' >) Q' $' '+' - 1' *+*%!' $ ' 6'-5' 2 4: +'$' -' .'70-' %' !%#.0' +,%#0' 6' $,0' $'40' 6' $,0' :# .#%4 ' %-5' $%*.,$' %+' %' 7'$%!' +*;9 &02$' #%$,0#' $,%-' '-' $,0' 22%+' -%!' %-5' :0#9 6*-2$ #8' 6%+,' -' 6' 6 #40#' 5%&=+' $' '+' - 1' #02 .-'G05' %+' %' +*;&02$' 6' $,0' .#0%$0+$' *$'!'$8' '-%+4*2,' %+' 070#8' -0' 50:0-5+' 6 #',' '+' :!0%+*#0' %-5' +*220++' '-' :%#$' *: -' ,'+' %;'!'$8' $ ' 0E:#0++' ,'+' '50%+' %.#00%;!8' %-5' 06602$'70!8' $' 2 -9 5*20+' $ ' 2!0%#-0++' %-5' 506'-'$0-0++' '-' -0=+' $, *.,$+' $ ' 2%#0' '-' #50#'-.' %-5' 0E:#0++'-.' $,04' ',%70' $#'05' 2 -+2'0-$' *+!8' $ ' +%8' $,'-.+' 10!!' ,0!:+' '-' $,0' %:#02'%$' -' 6' $,'-.+' 10!!' +%'5' %-5' $,0#06 #0' %55+' $ ' $,0' 0-& 840-$' 6' !'$0#%$*#0' -5' 2 44%-5' 6' -0+' -%$'70' +:002,' :*$+' -0' '-$' 2! +0#' $ *2,' 1'$,' $,0' + 2'%!' %-5' -%$' -%!' !'60' %; *$' ,'4' *2,' %#0' $,0' :#'-2':%!' %#.*40-$+' ;8' 1,'2,' $,0' :#0+0-$' 4: #$%-$':!%20' 6'2 4: +'$' -' '+' 5060-505

+:02'%!!8' -$01 #$,8' %#0' $,0' 2,%-.0+' '-' $,0' 40$, 5+' 6' '-+$#*2$' -' ,0 #8' ,%+' .'70-' :!%20' $ ' :#%2$'20< '$' '+' 6*!!8' #0%!'G05' $,%$' -0' 2%-' !0%#-' $ ' +:0%3' %-5' 1#'$0' -!8' ;8' +:0%3'-.' %-5' 1#'$'-.' *-50#' +$'4*!*+' %-5' .*'5%-20' ,0$ #'2%!' #*!0+' %#0' 1 #$,' - $,'-.' 0E20:$' %+' %:!'05' ,0' 0%#!'0#' $0%2,'-.' %'4 05' %$' % + #$' 6' !'60!0+' %22*#%28' 0#;%!' %-5' .#%4 4 %$'2%!' 2 ##02$-0++' :# :#'0$8' '-' +:0!!'-.' %-5' :*-2$*%9 $' -' 10#0' +*66'2'0-$' ,0' :#0+0-$?5%8' $0%2,'-.' 6' $,0' ;0$$0#' + #$ &*5.0+' $,0' 2,'!5i+' 066 #$+' -$' -!8' 6 #' $,0+0' $,'-.+' ;*$' 6 #' $,0' '-$0#0+$' %-5' .0-0#%!' 06602$'70-0++' 6' $,0' 1, !0' 2 4: +'$' -' %+' ,0' 5 -0' 1'$,' $,0' +*;&02$' 1,%$' ,0' +, *!5' ,%70' ;00-' 0E:02$05' $ ' 5 c' 0+' ,'+' 2 49 : +'$' -' +, 1' $,%$' ,0' ,%+' #0404;0#05' %-5' $, *.,$<' $,%$' ,0' ,%+' #50#05' %-5' %##%-.05c' *2,' '+' $,0' +$%-5%#5' - 1' +0$' *:' %5%:$05' $, *.,''$' 4*+$';0' $' $,0' 2,'!5i+'%.0'%-5'2%:%2'$8' -' %22 #5%-20' 1'$,' $,0+0' +$%-5%#5+' $,0' $#%'-9 '-.''+' -$' '-' $,0' !0++0#*-'$+' 6' 1 #5+' %-5' +0-9 $0-20+' + 4*2,' %+' '-' :%#%.#%:,+' %-5' 1, !0' 2 4: +'$' -+

,#*.,' $,0' '-6!*0-20' 6' 4 50#-' !'-.*'+$'2' +2, !%#+,':' %- $,0#' '-6!*0-20' '+' +! 1!8' 1 #3'-.' '$+' 1%8' '-$' $,0' +2, !+' -50#' $,0' !50# H%-5' 0## -0 *+F 2 -20:$' -' 6' !%-.*%.0' %+' % 6'E05' %-5' %;+ !*$0' $,'-.' $0%2,0#+' 6$0-' +0$' *:' %#'.'5' +$%-5%#5' 6' .#%4 4 %$'2%!' %-5' #,0$ #'2%!' :# :#'0$8' $,%$' 2 *!5' - $' ;0' &*+$'6'05' 0'$,0#' 6# 4' !'$0#%$*#0' #' 6# 4' $,0' +:002,' 6' %' !%#.0' ; 58' 6' 05*2%$05' :0 :!0' ,'+' +$%-5%#5' *-50#' 1,'2,' 4 +$' $0%2,0#+' 6' $,0' :#0+0-$' 5%8' 10#0' 05*2%$05' '+' +! 1!8' .'7'-.' 1%8' ;06 #0' $,0' 2 -7'2$' -' $,%$' %' 2 -+'50#%;!0' !%$'$*50' 4*+$' ;0' %!! 105' '-' $,0' 2, '20' 6' 1 #5+' %-5' 0E:#0+9 +' -+< $,0' 2 -7'2$' -' $,%$' '$' '+' 6$0-' '4: ++';!0' $ ' +%8' %+' ;0$100-' $1 ' 0E:#0++' -+' $,%$' -0' '+' #'.,$' %-5' $,0' $,0#' '+' 1#' -.

#0' %-5' 4 #0' $,0' $0-50-28' '+' $ ' ,%70' $,0' :*:'!' 1#'$0' 6' $,0' 6%4'!'%#' %-5' 2 -2#0$0' 6' $,0' $,'-.+' 1'$,'-','+' 1-' 5%'!8' 0E:0#'0-20' '-+$0%5' 6' $,0' %;+$#%2$' %-5' #04 $0' $' '+' #0%!'G05' $,%$' ,0' 2%-' !0%#-' $ ' 1#'$0' %-5' +:0%3' ;0+$' 1,0-

50%!'-.' 1'$,' +'4:!0' %-5' 6%4'!'%# $,'-.+' *2,' 4%$0#'%!' 2 4 4 -!8' '-2!*50+' %!+' ,'+' +2, !' 1 #3' '-' $,0# +*;&02$+' $,%-' -.!'+, ' ,0 40+' 5#%1-'6# 4',+'#0%5'-.+''-'!'$0#%$*#0' 4%8' 10!!' ;0' '-2!*505' ;*$' 4*+$' ;0' 2, +0-' 1'$,' 2%#06*!' #060#0-20' $ ' $,0'!'4'$%$' -+' 6' 2,'!5#0-+' 4'-5+

4:+'$' -' '+' #02 .-'G05' %+' %' 5'66'2*!$ %#$' '-7 !7'-.' %+' '$' 5 0+' - $' -!8' $,0' 0E:#0++' -' 6' '50%+' ;*$' $,0' .%$,0#'-.'%-5' %##%-.040-$' 6' $,04' '6%#'%+': ++';!0' $,0+0' $1 '$%+3+', *!5' ;0' 5'7'505' ,0-' $,0' +*;&02$' '+' 2, +0-' '$' +, *!5' ;0' 1 #305' 70#'%-5' 5'+2*++05' '-'7%#' *+' !'.,$+'*-$'!' $,0' :*:'!+' 2%-' $%!3' 6' '$' 1'$,' + 40' 50.#00' 6' 6#005 4' ,0' 1#'$'-.' +, *!5' ;0' ;0.*-' -!8' %6$0#' $,0' :*:'!+' ,%70' .%'-05' + 40' 2 -6'50-20' '-'$,0'#%;'!'$8' $ ' $%!3' 6' $,0' +*;&02$' %-5' '-' $,0' !%$0#' 80%#+' %#0' %;!0' $ ' *$!'-0' '$' 1'$,' %' 6%'# 50.#00' 6' 2!0%#-0++' *$!'-0+' 4%50' ;8' $,0' :*:'!+' $,04+0!70+' %#0' %-' %'5' $ ' ; $,' 2 -6'50-20' %-5' 2!0%#' $,'-3'-.

-' $,0' 0!040-$%#8' +2, !' $,0' 1 #3' '-'2 49 :+'$' -' 4%8' ;0' 0%+'!8' 2%##'05' '-$ ' $,0#+2, !' +$*5'0+' '-%+4*2,' %+' $,08' %#0' *+*%!!8' %!' $%*.,$' ;8' $,0' +%40' $0%2,0#' -' $,0' ,'.,' +2, !' , 1070#' $,0' 5'7 #20' ;0$100-' -.!'+,' 2 49 :+'$' -' %-5' $,0#+*;&02$+' '+' %-' 07'50-20' $,%$' *# +8+$04+' %#0' +$'!!' '4:0#602$' +' ! -.' %+' $,0' :*:'!+:0%3+' %-5' 1#'$0+' 2%#0!0++!8' '-' $,0#' 509 :%#$40-$+' +' ! -.' 1'!!' $,0' 1 #3' 6' $,0' -.!'+,' $0%2,0#' 6%'!' $ ' 6 #4' . 5' ,%;'$+' $' *-$'!' %!' $0%2,0#+' 2 :0#%$0' 2%-' 10' , :0' 6 #' $,0' ;0+$' #0+*!$+' %$$%'-%;!0

+' $ ' $,0' $'40' 6' ;0.'--'-.' $,0' $#%'-'-.' '-' 2 4:+'$' -' %-5' %+' $ ' $,0' %4 *-$' $ ' ;0' #09 U*'#05' $,0#0' '+' +$'!!' 2 -+'50#%;!0' 5'70#.0-20' ; $,' '-' $,0 #8' %-5' :#%2$'20' -' + 40' +2, !+' - ' 1 #3' '-' 6 #4%!' 1#'$$0-' 2 4:+'$' -' '+' 5 -0' 0%#!'0#' $,%-' $,0' $,'#5' 80%#<' '-' $,0#+' $,0' :*:'!+' 1#'$0' +'4:!0' #0:# 5*2$' -+' 6' +, #$' %-5' +'4:!0' +$ #'0+' '-' $,0' 6'#+$' 80%#' $' '+' %+' 80$' *-:# 705' 1,'2,' '+' $,0' ;0$$0#:!%-' *$' $,0#0' '+' .0-0#%!' %.#00 40-$' $,%$' '-' $,0+0' 0%#!8' 80%#+' %!!' $,0' 2 49 :+'$' -' 1 #3' +, *!5' ;0' %+' 0%+8' %-5' +: -$%-0 *+' %+' : ++';!0' $' '+' $ ' ;0' #0404;0#05' $,%$' $,0' #%!' 1 #3' 5 -0' 070-' '-' $,0+0' 6'#+$' 80%#+' '+' %!+' 2 4 : +'$' -' +' $,0' U*0+$' -' 6' , 1' 4*2,' 1#'$'-.' +, *!5' ;0' 04:! 805' $,0#0' %#0' %.%'-' 5'660#0-20+' 6' :'-' -' -' .0-0#%!' , 1070#' '$' '+' %.#005' H>F' $,%$' +, #$' 0E0#2'+0+' %#0' ;0$$0#' $,%-' ! -.' 6 #' $,0' ! -.' -0+' $0-5' $ ' :# 5*20' 0'$,0#' 5'+2 *#%.040-$' #' :# !'E'$8< HNF' $,%$' + 40' 1#'$'-.' +, *!5' ;0' 5 -0' 070#8' 5%8' $,0' +*;&02$' 6$0-' ;0'-.' 5#%1-'6# 4' + 40' 6' $,0' +2, !' +$*5'0+< %-5' HJF' $,%$' '6 2 -+'+$0-$' 1'$,' $,0' 6 #0. '-.' #*!0' $,0' :*:'!+' +, *!5' - $' 1#'$0' 4 #0' $,%-' $,0' $0%2,0#' ,%+' $'40' $ ' #0%5

,'+' !0%5+' -%$*#%!!8' $ ' $,0' U*0+$' -' 6' 2#'$'2'G'-.' $,0' :*:'!+' O66 #$+' '-' 0E:#0++' -' ,0' #%!' 1 #3' +, *!5' ;0' 2%#06*!!8' 1%$2,05' ## #+' %-5' 2%#0!0++-0+' %!'30' +, *!5' ;0' 2 #9 #02$05' .0-0#%!!8' 1,0-' 4%50' 0E20:$' 1,0-'+*2,' '-$0##*:$' -' '-$0#60#0+' 1'$,' $,0' :*:'!+' $,'-39 '-.' ,0' 2#'$'2'+4' 6' $,0' 1#'$$0-' 1 #3' '+' $,0' -!8' 40%-+' 6' '-+*#'-.' '$+' O66 02$'70-0++' 601'.0-0#%!':#'-2':!0+'-1'2 44 -!8' %220:$05

4%8';0'+$%$05' *:'!+'%#0'$ ';0' 4%50'%+' 4*2,' %+':++';!0' +0!6?2#'$'2%!' %-5' +0!6?,0!:6*!'$, *.,' 2%#0' 4*+$';0' $%30-' -$'$ ' 5070!:' $,0'#' +0!6? 2#'$'2'+4' $ ' $,0' :'-$' 6' '-,';'$' -' ,08' 4*+$' ;0' ,0!5' #0+:-+';!0' 6 #' $,'-.+' -20' !0%#-05' 0-0#%!!8' $,0' 1#'$$0-' 1 #3' %6$0#' $,0' $0%2,0#' ,%+' 2 ##02$05' '$' +, *!5' ;0' #0$*#-05' $ ' $,04' ;0' 1 #305' 70#';8' $,04' %-5' %.%'-' +*;4'$$05' 6 #'-+:02$' -< 6 #' '6' $,0' 2#'$'2'+4+' 4%50' %#0' - $' %:!'05' $,08' %#0' *+0!0++' #3' ;7' *+!8' 2%#0!0++' '-' 6 #4' %-5' 4%$$0#' +, *!5' - $' ;0' %220:$05' '6' $,0' $0%2,0#' 1 *!5',%70' $,0' :*:'!+' #0+:02$' %-5' 7%!*0' $,0' +*;&02$' *$' $,0' 2#'$'2'+4' 4*+$' - $' +$:' 1'$,' $,0+0' 4 #0' 402,%-'2%!' 4%$$0#+' ,0' 1 #3' 4*+$';0'&*5.05' 6 #' '$+' '50%+' -5' +:0%3'-.' #0!%$'70!8' $,0' :*:'!' 4*+$';0' !05' .#%5*%!!8' $ ' 7%!*0',+' %-5' $,0#' 1 #3' 6 #' $,0' '50%+' ,0' ,%+' . $' -$ ' '$' %+' 10'#'%+' 6 #' $,0' 2!0%#-0++' %-5' 066 02$'70-0++' 1'$,' 1,'2,' $,0' '50%+' %#0' 2 -70805' #' $,'+' $,0#0' '+' -' ;0$$0#' 40%-+' $,%-' #0%5'-.' $,0' 2 49 :+'$' -+' %! *5' ,%7'-.' $,0' 2!%++' %+' % 1, !0' ,0!:' '-' :%++'-.' &*5.40-$' *:-' 0%2,' $,0#+' :0#6 #4%-20+' -' % ' $,0' 1 #3' 6' 2#'$'2'+4' $,0' $0%2,0#+' $#*0' 6*-2$' -' '+' - $' $,%$' 6' $,0' 6%*!$ 6'-50#' ;*$' 6' $,0' +$'4*!%$'-.' %-5',0!:6*!'.*'50' 6' 6#005 4' %-5' %22*#%28' %#0' $ ' ;0' %$$%'-05' $,0#0' 4*+$';0' % 20#$%'-' %4 *-$' 6' 5#'!!' #09 U*0-$' :#%2$'20' '-' 5'2$%$' -' 1'!!',0!:' '-' .'7'-.' 2 -$# !' %-5' 6%2'!'$8' 70#' $,0' 6 #4+' 6' 1 #5+' %-5' +0-$0-20+' 6' 2 -+'50#%;!0' 7%!*0' %!+' '+' :#%2$'20' '-' +%8'-.' $,0' +%40' $,'-.' '-' 5'660#0-$' 1%&"+' -' ;#'06' $,0' 1 #3' 1'!!' ;0' 066 02$'70' '-' :# :#' -' $' $,0' $0%2,0#+' +3'!!' %-5' #0+ *#209 6*!-0++

+$' 6' $,0' .0-0#%!':#'-2':!0+' $,%$' %::!8' $ ' $,0' 1 #3' '-' $,0' 0!040-$%#8' +2, !' %::!8' %!+' 0 ' 0 ' $ ' $,0' ,'.,' +2, !' +',%+' ;00-' +%'5' %; 70' $,0' ,'.,' +2, !+' !'30' $,0' 0!040-$%#8',%70' .'70-' :# 4'-0-20' $ ' $,0' 1 #3' '-' 2 4:+'$' -' '-' #020-$' 80%#+' ,'+' '+' 5*0' '-' :%#$ $ ' $,0' 504%-5+' 6' $,0' 2 !!0.0+' $,%$' $,0'# +$*50-$+' 4*+$' %$' 0-$#%-20' .'70' 07'50-20' 6' % . 5' 2 *#+0' '-' -.!'+,' %-5' '-' % .#0%$0# 50.#00' $ ' $,0' ;0!'06' -' $,0' :%#$' 6' $,0' ,'.,' +2, !' $0%2,0#+' $,04+0!70+' '-' $,0' 7%!*0' 6' +*2,' '-9 +$#*2$' -' $' '+' 0+:02'%!!8' $ ' ;0' - $05' $,%$' $, +0' ,'.,' +2, !' 2 *#+0+' 1,'2,' %#0' - $' 5'#02$!8' :#0:%#%$ #8' $ ' 2 !!0.0' 2 44 -!8' .'70' 4 #0' $'40' $ ' '-+$#*2$' -' '-' -.!'+,' $,%-' '+' 2 -$%'-05' '-' $,0' 2 !!0.0' :#0:%#%$ #8' 2 *#+03' # % 2 -9 +'50#%;!0' :0#' 5' $,0' 50+'#0' $ ' *-'68' $,0' 2 *#+0' '-' -.!'+,' %-5' 0+:02'%!!8' $,0' !'$0#%$*#0' %-5' 2 4:+'$' -' !05' $ 6 #205' #0!%$' -+' $,%$' 10#0' - $' $ ' $,0' %57%-$%.0' 6' 0'$,0#' *:'!+' 10#0' #0U*'#05' $ ' 1#'$0' $ ' 6#0U*0-$!8' -' !'$0#%#8' +*;&02$+' $,%$' 10#0' ;08 -5' $,0'# .#%+:' 1'$,' $,0' #0+*!$' $,%$' $,0' 2 4:+'$' -+' 10#0' '-+'-20#0' %-5' 6*$'!0' %-5' $,0' :*:'!+' ! 70' 6' !'$0#%$*#0' ,'-9 50#05' #%$,0#' $,%-',0!:05' $' $,0' !%+$' 400$'-.' 6' $,0' %$' -%!' -60#0-20' -' 2 !!0.0' 0-$#%-20' #0U*'#040-$+' '-' -.!'+,' H>PKPF' '-' 1,'2,';' $,' 2 !!0.0' %-5',.,' +2, !+' 10#0' 6*!!8' #0:#0+0-$05' %' #0:#$' 1%+' %5:$05' 1,'2,''$'+',:05' 1'!!' $0-5' $ ':*$,0' 2 4:+'$' -' 1 #3' -' %+ *-50#

((0 6 ; *$ 1%+ 2 4 4 -!8 2%!!05 +'4 :!8 (0 0 # (0 % ,0 !%$$0# + :0!!'- .' 1%+ %$ -0 $'4 0 $,0 4 #0 2 4 4 - '%+''-',0 6 !! 19 '-.' 506'-'$' -' 6# 4' %-' %- -84 *+' 4%- *+2#':$ 6 $,0 6 *#$00-$,' 20-$*#8 0 ' ' (= ' 0 ' ' ' 0 % $' 1%+ 0-$'#0!8 '-' %22 #5 1'$,' $#%5'$' -' $,%$ $,0 1 #3 6 #0. *!%$'-.'$'4 0 +, *!5' ,%70 ;00-''-',0 ,%-5+ 6 $,0 :#'0+$+ +'-20 $,08 ,%5 %++* 405 $,'+ 5*$8 6# 4'$,0 #0 4 $0+$ %-$'U*'$8 $' 1%+ %#0!'2 6 $,0 5%8+ 6 +*-' 1 #+,': 0U*'- 2$'%! 60+$'7%!+ #'0-$%$' -' 6 $0 4 :!0+ %-5 6 $,0 7%9 #' *+ 6 #4+ 6 20!0+$'%! 48+$'2'+4 $,%$ 6'-%!!8 5070! :05 '-$ $,0 +2'0-20 6 %+$# ! .8 ,0 %--*%! -%'! '-' $,0 4%-' $0 4 :!0+ ' $,0 +*-?5'%! -' $,0 2,*#2,' 1%!! ' $,0 '-5'2%$' -' 6 $,0 , *# ;8 $,0 $!!'-.' 6 $,0 ;0!! %-5 6'-%!!8 $,0 2! 23 '-' $,0 ;0!6#8 %#0 %!! 07'50-20+ 6 $,'+ $0-50-28 ,0 :# ;!04 6 $,0 ,#'+$'%-' ,*#2,' 1%+ :%#$'9 2*!%#!8 2 4 :!'2%$05 ;02%*+0 '$ 1%+ 6 *-5 %57'+9 %;!0 6 #'$ $ %5 :$+ 4%-8 2*+$ 4+ 1,'2,''$+ 2 -70#$+ 10#0 ! %$,' $ +%2#'6'20 ,0 .#0%$9 0+$ 6 %!! $,0 :# ;!04+ 6 $,0 (0 1%+ $ 6'E %+$0# %8 $' %:0%#+'6'#+$'-'%- $01 #$,8 1%8'-' %1 #3 ;8 '2$ #'*+' 6 U*'$%-'%HMQL F'%-5 % 20-$*#8 !%$0# '$ %:0%#+' -' % # 0 0 ' + (' HQON % 5 ' : ++';!8 ;8 %+' ? 5 #*+' -' OOM % ' $,0 U*0+$' -' ;02%40 + 2 4 :!0E %+ $ 2%*+0 %+0#' *+2 -6!'2$;0$100-' $,0 -.!'+,'%-5 4%-'022!0+'%+$'2+ ,0 ;0+$ 6 $,0 0%#!8 1 #3+ -' $,0 +* ;&02$ 1%+ 1#'$80-' ;8 %05%' $,0 70-0#%;!0 050 4< %*'6'-'$,0 0'.,$,' 20-$*#8 *-50# $,0 $'$!0 ' ' 0 ' % ' 20-$*#8 !%$0# %;%-*+' %*#*+' 0 ' (' 3 6 1# $0 *: -''$'%-5+ ''49 : #$%-$ 5'5 !2*'-'%-5 ,%#!04%.-0 2 -+'50# '$ $,%$ $,0 6 #40# 1# $0 *: -''$'%-5 $,0 !%$$0# :#0+2#';05 '$'%+ % +$*58 6 # 070#8 4 -%+$0#8 -' $,0 *-'70#+'$'0+ 6 $,0 $,'#$00-$,' %-5 6 *#9 $00-$,' 20-$*#8 !02$*#0+ 10#0 2 4 4 -!8 ,0!5 *: -' $,0 +*;&02$' %-5 $,0 !0%#-05 %2# ; +2 4<% %* 1# $0 % 2 0 ' ' 6 0 0 ' = (0 ' 0 ' (0 0 ' ((0 ' 6 # $,0 *+0 6 +$*50-$+ ,0 6'#+$:#'-$05 2 4 :*$*+' '+ $,%$ 6 -'%-*+ H>M))F' ,0 +*;&02$ -%$*#%!!8 6 *-5 :!%20 ; $,' '-' $,0 0%#!8 :#'-$05 %#'$,409 $'2+ %-5 '-' $,0 2,*#2,' 4%-*%!+ ,*+ ;0!''-' ,'+ " (20(' 6 >QJ> 507 $0+ $0-:%.0+ $ '$' %-5 $,'+ 2*+$ 4 0E:!%'-+ $,0 :#0+0-20 6 $,0 5'+2*++' -' 6 $,0 (*!'%-'%-5 #0. #'%-'2%!0-5%# '-' $,0 40#'2%-' %#'$,40$'2+ 6 $,0 -'-0$00-$,' 20-$*#8 . 5'50% 6 $,0 405'07%!2 49 :*$*+' 4%8 ;0 ;$%'-05' $?5%8 6# 4 $,0 #%80# 3 6 $,0 ,*#2,' 6 -.!%-5 #$,0 40#'2%-' :'+2 :%! ,*#2, 0 ,%70 20#$%'-' #0!'2+ 6 $,0 2 4 :*$*+' '- 2 44 -' *+0 %$:#0+0-$' %+ 1,0-' 10 +:0%3 6 R' % #05?!0$$0# 5%8 $' %-5 1,0-' 10 #0:0%$ $,0 #,840 ;0 -'--'-.' R ,'#$8 5%8+ ,%$,' 0:$049 ;0# S' ,'+ #,840 6'#+$ 6 *-5''-':#'-$''-' -.9 !'+,''-' >QPK' %:0%#+' -' -'%-*+''-' %$'-' ;*$. 0+ ;%23 %$!0%+$ %+ 6%# %+ %2# ; +2 ''-'1, +0 2 4 :*$*+' '$ %:0%#+' %+ . % - % 0 % ' ' 6 <0 ' ' 0 % - ' ' 8 = 0 6 5 2 00 ' ' ' 0 20 % ,0 1 #5

?'2 4 :*$*+' S' 1%+ %!+ '*+05 $ ' 40%-'%-'%22 *-$' %+' -' % 5 2*40-$ 6 >J>O' ;0.'--'-.' R' 4 :*9 $*+' 6' ;0#$!54%-'#0070 6 *E,%4 6# 4' $,0 4 ## 1' 6 $' (%40+''-'$,0 >K$,'80%# 6 $,0 #0'.-' 6 '-.' 51%#5 S' ' ') ' H>LP)?>)QLF' / #0-2,' :,'! + :,0#< ; #-' %$ -$:0!!'0# '-' >LP)' %-5 5'05 %$ %#'+' -' >)QL' 0 1%+ 05*2%$05 %$ $,0 !8$02,-'2 2, !' %$ %#'+' ; *$' >)NK,0 ;09 2%40 $,0 :*:'!'%-5'5'+2':!0 6 %'-$? '4 -'1, ;+0#7'-.' $,0 %:$'$*50 6 ,'+ 4'-5''-$#*+$05 $,'4 $,0 :#0:%#%$' -' 6 %' +'$'70 !'$'2'1,'2, , 1070#' :# 705 *-+%$'+6%2$ #8 ;*$ 07'50-$!8 '-6!*0-205 $,0 8 *-.':,'! + :,0#' 6 #' '-' >)NO ,0 ;0.%-'%2 *#+0 6 !02$*#0+' -'5'+2 -$'-*05 -'%22 *-$ 6 % 20#0;#%!' 50#%-.040-$' ;*$ #09 +*405 '-' >)N)' '-' 1,'2,' $,0 .0#4+ 6 ,'+ 1-' +8+$04'%#0'%!#0%58%:%#0-$' # 4'>)JN' '>)QN ,0 1%+ $*$ # 6 4%$,04%$'2+'%-5 0E%4'-0# %$ $,0 !8$02,-'2 2, !'1,0#0 ,0 !'705 $,0 U*'0$ %-5 *-070-$6*!' !'60 6 % $0%2,0# %-5 1#'$0# ,0 2,'06 1 #3+ :# 5*205 5*#'-.' $,'+ :0#' 5' %#0 $,0 0 ' + ' 6 >)JP? >)MN< $,0 .! 2 ' + <0 ' 6 >)Q>? >)QM< ' ' (' 6 _U2b% -',' + :,'! + :,8 $,0 $1 ' 2,'06 : '-$+ %#0 H F' '+ '50% 6 $,0 07 !*$' -' 6',*4%-'3- 1!05.0 0 4%'-$%'-05 $,%$ $,0#0 %#0 $,#00 +$%.0+ '-' $,0 '-$0!!02$*%! 5070! :40-$ 6 $,0 #%20 %-5 + 6%# %+$0.0+'#0+$%.0+'#0:#0+0-$8:'2%! 6 #4+ 6 3- 1!9 05.0 ''-' $,0 '-5'7'5*%! -%4 0!8 $,0 (+$%.0 '-' 1,'2,' 4%-' #060#+ :,0- 40-% $ ' $,0 '4405'%$0 %2$' -' 6 + 40 +*:0#-%$*#%! ;0'-.' +02 -5 $,0 ! (+$%.0 '-' 1,'2,' %;9 +$#%2$ 6 #20+ # 0++0-20+ %#0 *+05 %+ 0E:!%-%$ #8 %.0-2'0+< %-5 $,'#5 $,0 +$%.0 1,'2,' #060#+ %! ! :,0- 40-% $ ' $,0 :0#%$' -' 6 .0-9 0#%! !%1+ ;+0#705 '-' $,0 '4405'%$0 ;0,%7' # 6 $,0 :,0- 40-% $,04+0!70+ ,'+ '50% !05 ,'4 $ '% :%#$'2*!%# 2!%++'6'2%$' -' 6 $,0 +2'0-20+ *: -' 1,'2,' ,0 4%'-$%'-05 $,0 05*2%$' -' 6 $,0 :0 :!04*+$,0-206 #$,' :# 2005 ,'+,'0#9 %#2,8 ,0 %##%-.05 %+ 6 !! 1+ H>F ,0 +2'0-20+ 6 -*4;0# H%#'$,40$'2'%!.0;#%' .0 40$#8 %-5 402,%-'2+F< HNF %+$# - 48< HJF :,8+'2+ %-5 2,04'+$#8< HMF ;' ! .8 %-5 :,8+' ! .8< HQF + 2'%! :,8+'2+ # R' + 2' ! .8 S' 0 6*#$,0# 4%'-$%'-05 $,%$ '-' $,'+ 2!%++'6'2%$' -' 0%2, +2'0-20 50:0-5+ -' $,0 $#*$,+ 6 %!! $,0 +2'0-20+ 1,'2,' :#02050 '$' :!*+ +*2,' $#*$,+ %+ :# :0#!8 ;0! -.' $ ' '$' ,*+ +2' ! .8 -2!*50+ %!! $,0 :#0205'-.' +2'0-20+ %-5 %55+ -01 5%$%$ $ ' $,04 #0 70#' 0%2,.# *:' :%++0+ $,# *.,' $,0 $,#00 +$%.0+ 6 $,0 07 !*$' -' 6 3- 1!05.0< ;*$'-9 %+4*2,' %+ $,0 $,0 ! .'2%! %-5 40$%:,8+'2%! +$%.0+ %#0 - 1' :#%2$'2%!!8 %$ %-' 0-5 $,0 6'-%! # :+'$'70 +$%.0 1,'2,' +8-$,0+'G0+ %-5 2 #5'-%$0+ %!! 3- 1!05.0 6 # $,0 . 5 6 ,*4%-'$8''+$,0 -!8 -0$,%$ 1'!!+*#7'70''-'$,0 6*$*#0' H F ,0 +02 -5':%#$ 6 ,'+:,'! + :,8 '+ $,0 5'#02$ *$2 40 6 $,'+ 2 -2!*+' -< 6 # 4$0i+: !'$'2%!%-5+ 2' ! .'2%! 5 2$#'-0 2 -9 -02$+ 5'#02$!8 1'$,' $,0 :+'$'7'+$'2 +$%.0 - 1 040#.'-.' ,0 6'#+$ $ 2 '-' $,0 1 #5 R' + 2'?

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#.%-'+4 1'$, ,*4%-'$8%+$,0 4%'- ;&02$ 6 +$*58 + 2'%! !%1 0E2!*5'-.'%-8 #0%! 6#005 4 6 $,0 '-5'7'5*%! +#0.%#5+ 05*2%$' - ,0 $%*.,$$,%$$,0 :0 6'6*#$,0# :# .#0++!%8'-'$,0 02 - 4'2%-5 2'7'! 0-!'.,$0-40-$ 6 $,0 .#0%$ *-'$+ 6 $,0 + 2'%! #.%-'+4 $,0 6%4'!8 $,0 $%$0 %-5'$,0 C , *#2,'S -5'6 #'$,'+:*#: +0 6 2 *#+0 +2'0-20 4*+$;0 $,0 2,'06 40%-+ 6 2*!$*#0 4$0 , 1070#' -!8 .%70 ,'4+0!6 '-2'50-$%!!8 $ $,0 +$*58 6 05*2%$' -%!' $,0 #8 %-5 :#%2$'20 ,'+ :# 4'+0 4%50'-'$,0 0 + 6 6%+:02'%!'$#0%$'+0 -'05%9 . .8-070# ;0'-.'6*!6'!!05 ; *$'$,0'2,'06 : '-$+ 6 ,'+ +8+$0 4 4%8'+0#70%+%2!01'$ '$,0 +2%$$0#05 +*..0+$' -+6 *-5'-',' 1 #3+ , *+,0 4%'-9 $%'-05'$,%$ H>F ,0 05*2%$' -6 $,0 '-5'7'5*%! 4*+$;0 ;%+05 -'$,0 '50% 6 $,0 R +$%.0+'S 6 3- 1!05.0 %-5 ;0 %5%:$05 $ $,0 2'7'!'G%$' - #0%2,05 '-'$,0 4 50#-' # : +'$'7'+$'2 :0# 5 HNF %$,04%$'2+ %22 #5'-.!8 6 #4 $,0 2,'06 : '-$ 6 50:%#$*#0 '-'$,0 :# 20++ -2#0$0 %-5 :,8+'2%!' +$*5'0+ %#0 - $ 6'#+$ '-' ,'+ 7'01 HJF 5*2%$' -4*+$;0 *-'70#+%! %-5 - 5'+2#'4'-%$' - +, *!5 ;0 4%50 ;0$100-' #'2, %-5 : # '-$,'+ #0+:02$; *$' $,0 $#%'-'-. 6 $,0 +2, ! 4*+$;0 %5%:$05 $ $,0 -005+ 6 $,0 *-'$+ 1,'!0 4%'-$%'-'-. $,0 '-$0.#'$8 6 $,0 +8+$0 4 1,'2, ,0 +%'5 '+ R 2 -+$%-$!8 +'4'!%# %-5 '50-$'2%! S !! U*0+$' -+ 6 40$, 5 4*+$;0 50$0#4'-05 %22 #5'-. $ +2'0-20 % %08 4*+$;0 : +'$'70 6 # '$ '+ -!8 %! -.$,'+ !'-0 $,%$ $,0 0E:02$%$' - 6 6*!!0# 3- 1!05.0 %-5 .#0%$0# + 2'%!' O66'2'0-28 2%-' ;0 6*!6'!!05

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%-8+:02'%!'+*;&02$ -20-$#%$' - 4%8 6%'#!8 10!! ;0 2,%#%2$0#'G05 %+ $,0 0E$#040 $8:0 6 2 ##0!%$' -4<% %*% *;&02$+%#0 4%50 $ +*::#$ 0%2,' $,0# ;8 ;0'-.'#05*205 $ ':,%+0+ 6 -0 !%#.0 +*;&02$,'+ 40$, 5 6 #.%-'G'-.'$,0 2 *#+0 6 +$*58 *-5 *;$05!8 6%7 #+'$,0 ,'.,0+$ 50.#00 6 *-'$8 $:# 2005+ 0++0-$'%!!8 *: - $,0 :#'-2':!0 $,%$ $,0#0 '+ %-' *-'$%#8 %'4 6 05*2%$' - 1,'2,' +' ;0 +$ #0%!'G05 $,# *.,+ 40 6*-5%40-$%!' +$*58 %-5 $,%$ '-' #50# $ 2-9 $#';*$0 $ $,0'%'4 %!! $,0# +*;&02$+ +, *!5 ;0 +*; #5'-%$05 $ $,'+

-.0-0#%!6 *#$8:0+ 62 -20-$#%$' - 4%8 ;0 5'+$'-.*'+,05 -$,0 ;%+'+ 6 $,0 +*;&02$ 2, +0- %+ $,02 #0 6 $,0 2*##'2*!*4 H>F (20 !'+ $,0 +2,040 6 Z'!!0# 4<% %*6 6 !! 10# 6 0#;%#$ 4<% %*% $'+ ;%+05 -$,0'50% $,%$ $,0 %'4 6 05*2%$' -'+ $,0 5070! :40-$ 6 2,%#%2$0# 1 %!$, *.,0$,'2+ +00 4+ $;0 $,0 +*;&02$ 2 -$#';*$'-.'4 +$ 5'#02$!8 $,*4%-'2,%#%2$0# '$ '+ 07'50-$ $,%$ '6 '$'+ $:# 70 05*2%$'70 '$ 4*+$;0 .'70-'2 -9 $0-$;8 ;0'-.'#0!%$05 $ %; 58 6 2 -2#0$0 3- 1!05.0 %-5 4%50 '-$0#0+$'-.'%-5 : $0-$ 1'$, $,0 1'!! ,'+ #0+*!$ '+ %22 4:!'+,05 $,# *.,',' +$ #8 1,'2,' 4%8 ;0 506'-05 %+ $,0 +$*58 62 -2#0$0 0$,'2+ #0$,'2+'-%2$' - ,0 +0!02$' - 6 ,'+$ #8 %+ $,02 #0 +*;&02$ 0-%;!05 Z'!!0#$ %###%-.0 $,0 2 *#+0 6 +$*58 %22 #5'-.'$ $,0 :!%- 6 2*!$*#0 0:2,+ 4<% %*% '$0#%$*#0 %#$ %-5 070-'+2'0-20 10#0 +$*5'05 %22 #5'-.'$ $,0 :#'-2':!0 6 ,'+$ #'2%! 5070! :40-$,'+ 40$, 5 '+ 0+:02'%!!8 5'66'2*!$ 6 %:::!'2%$' - '$ +2'0-20 6 #'$ '-7 !70+ $,0 +$*58 6 %;%-5 -05 +2'0-$'6'2 '50%+ ;06 #0 10 $%30 *:'$, +0 6 $,0 :#0+0-$ %-5 4 #0 70#' #0-50#+ '$ 0E2005'-.!8 5'66'2*!$ $.'70 0'$,0# % #0%+ -%;!8 2 4:!0$0 #:#%2$'2%!!8 *+06*!'7'01 6 %-8 +2'0-20 ,0 !%$$0# 5'66'2*!$8 +004+ 070-' 1,0-$,0 2*!$*#0 0:2,$,0 #8 '+ - $04:! 805 '-,0#0-$ '-' %-8 :!%-' 6 2 -20-$#%$' -' $,%$ *+0+ $,0 ,*4%-'+$'2 +$*5'0+ %+ %20-$0#

HNF (20'0 ((,0 4 50#-'#05*2$' - 6 $,0 ,*4%-'+$'2 +$*5'0+ $ % #%$' -%!'+$'2 # +2'0-$'6'2 ;%+'+ 0-%;!05 $,0 5097 0! :40-$ 6 $,02 -20:$' -' 6 %*-'70#+%! +2'0-20 50%!'-.'1'$,'$,0'! .'2%!!8 :# .#0++'70 0E: +'$' - 6 *-'70#+%! !%1 *2,'0-282! :05'2 +2,040+ %+ $, +0 6 4$0 %-5 :0-20# 4<<% %* %#0 $,0 *$2 40 6 $,'+ '50% ,08 6'-5 0E:#0++' -''-$,0 +2,040 62 -20-$#%$' -'%; *$ 1,%$ 4%8 ;0 2%!!05 *-'70#+%! +2'0-20 6 1,'2,'0%2,' +*;&02$ 1,0-' :# :0!8 +$*5'05 2 -+$'$*$0+ %-' '-$0.#%! :%#$ 0#0 10 ,%70 $,0 - $' -' + 0!%; #%$0!8 5070! :05 ;8 ! -0! %#30# 4<% %*% 0 #09 .%#5+ $,0 %'4 6 05*2%$' -' %+ 2 4 :#0,0-+'70 '-$0!!'.0-20 '-+'.,$ '+ :!%-' ,%+ ;00-' 2#'$'9 2'G05 %+!%8'-.'$ 4*2,'+$#0 ++ *:-'$,0 '2+'0-$'9 6'2 %+2 -$#%+$05 1'$,'+ 2'%!'0$,'2%!'%-5 %#$'+$'2 '-$0#0+$+ %-5 %+ 2 -+'50#'-.'#%$,0# $,0 ! .'2%! $,%-'$,0 :+82, ! .'2%! #50# '-'$,0 %##%-.040-$ 6 $,0 4%$0#'%! 6 '-+$#*2$' - $ '+ '-$0#0+$'-.' $ '- $0 $,%$! -0! %#30# 04:,%+'G05 0+:09 2'%!!8.0 .#%:,8 %+ 04; 58'-.'$,0 :#'-2':!0+ %$ $,0 5070! :40-$ 6 1,'2,',0 1%+ %'4'-.

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HJF (2 0 ! (# (' 02: (, 0 0#;%#$'%-+ '-$,0 -'$05 $%$0+ ,%70 ;00-:# -0$ 04:,%+'GO.0 .#%:,8 %+ :0#,%:+$,0 ;0+$ 20-$0# 6 # 2 -20-$#%$' - ,0-506'-05 %+ $,0 +$*58 6 $,0 0%#$, '-'$+ #0!%$' -'$, *4%-'!'60'$;02 40+ %2 --02$'-.' !'-3 ;0$100-$,0 ,*4%-'$'0+ %-5 +2'0-20' # 60++ # 0 %#4 0+:02'%!!8 ,%+5070! :05 % +2,040'1,'2,',0 2%!!+ -0 62 #5'-%$' - 0 1 *!5 ,%70 $,#00 20-$0#+ 6 2 -20-$#%$' -'-' $,0 2*##'2*!*4 !%-.*%.0 %-5 $,0 ,*4%-'$'0+ 4%$,04%$'2+%-5$,0+2'0-20+ %-5%$,'#5.# *: 1,'2,',0 2%!!+ $,0 02 - 4'2 2 #0 ,'+ 50%!+ 1'$, $,0 +*;&02$+ 1,'2,'; 0%# -$,0 40$, 5+ ;8 1,'2,'4%-%22 4:!'+,0+ ,'+ %'4+ '-$,0 1 #!5 6 -%$*#0 %-5 + 2'0$8 ,0 0!040-$%#8 :,%+0 6$,0 02 - 4'2+*;&02$+%:0%#+ '-.0 .9 #%:,8 $'+ 07'50-$ $,%$ $,'+ .# *:2 -+$'9 $*$0+ $,0 -%$*#%! *$2 40 6 $,0 $,0# $1 %-5+ 4%8 ;0 #0.%#505%+ $,0 2 #0 6$,0 1, !0 2*##'2*!*4 -$,'+070-$$,0 +2,040'+ '-$,0 !%+$ %-%!8+ -0 6 2 -20-$#%$' -%; *$$,+0 +$*5'0+ $,%$ 4%30 6 # $,0 05*2%$' -%! %'4 6 :#%2$'2%! 066'2'0-28

HMF (2 0 (/ / ($'+07'50-$$,%$ 1,'!0 Z'!!0#+2,040 0##05''-4%3'-.'-%50U*%$0:# 7'+ -6 #+2'0-20 ! -0! %#30#+:!%-$0-5+ #%$,0# $ $,0 $,0# 0E$#040 6 #%$' -%!'+4 -0.!02$'-.' + 401,%$ $,0%0+$,0$'2 4 #%! %-5 #0!'.' *+ %+ 10!! %+$,0 ,'+$ #'2%! ,0 :!%- 6 4%3'-.' $,0 +2, ! 1 #3 20-$0# %; *$%+2, ! + 2'0$8 1,'2, 1%+ %57 2%$05 ;8 # 60++ # 0108 #0+$ #0+ $,0+0 6%2$ #+$ %!0%5'-.':!%20 *2,'%+ 2'0$8 2%- , 0 $,'-3+ ;0 4%50 6%'#!8 #0:#0+0-$%$'70 6!'60 0-20 $,0 7%#' *+ +:02'%! +*;&02$+ 1'!! #'+0 -%$*#%!!8 *$ 6%500:0# +$*58 6 '$+:# ;!04+ ,*+ 10 ,%70 - $$,'+ #$,%$:,%+0 6!'60 ;*$!'60'$+0!6'%+$,0 20-$#%!+*;&02$ 6$,0 2*##'2*!*4 ,0 +2, ! + 2'0$8 2%-- $ 6 2 *#+0 ;0 70#8 2 4:!0E 6 # $,0 !'$$!0 2,'!5 *$%+$,0 :*:'!+ .# 1 !50#$,0'# .# *:%2$'7'$8 2%-07 !70 *-$'! '$%:# E'4%$0+$ $,0 $8:'2%!+ 2'%! !'60 6$ 9 5%8 1 40$, 5+ .70#-'-.$,0 5070! :40-$ 6$,'+ 2'0$8 4%8 ;0 04:! 805 $ 4%8 #0:9 #0+0-$ '-'$+ +*220++'70 :,%+0+ $,0 2*!$*#0 0:2,+ 6 2'7'!'G%$' - # '$ 4%8 ;0.'-1'$,'#09 :# 5*2'-.'%-5 +$*58'-.' $,0 !'60 6$,0 -0'.,9 ; #, 5'%-5 .#%5*%!!8 0-!%#.0 '$+ :,0#0 *-$'! $,0 $8:'2%! + 2'%! %2$'7'$'0+ 6$,0 1 #!5 ,%70 ;00-2 70#05 +$,0 +2,040 6 Z'!!0# %'4+%$ 4 #%! 2,%#%2$0#$,%$ 6 ! -0! %#30# %$2 49 :#0,0-+'70 '-+'.,$%-5$,%$ 6 0 %#4 %$:#%2$'2%! 066'2'0-28 + $,%$ 6 0108 4%8 ;0 +%'5$ %'4'%$+ 2'%! 066'2'0-28

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/ 0-$%! %2$'7'$8 '+ 4 +$ 06602$'70 1,0-'$'+ !'4'05 %-## 1#%-.0 6%:!'2%$' - ,0-20 2 -20-$#%$' - 6 %$$0-$' - !0%5+$.#0%$ 7'7'59 -0+ %-5 *+%!!8 $ 2!0%#-0+ %-5 5'+$'-2$-0+ 6 0E:0#'0-20 '66*+' - 6 %$$0-$' - '+ $,0 :: +'$0 %-5 '+ 2! +0!8 #0!%$05 $ 5'+$#%2$' - 00 # #

@ +:02'%! 40$, 5 6 %##%-.'-.'% 2 *#+0 6 +$*58 '-'%+2, !+*;&02$ #%+:02'%! 40$, 5 6$0$2,9 '-.'%+*;&02$ #$:'2 $'-7 !70+$,0'50% 6 $#0%$'-.'$,0'6'0!5'% -*4;0# 6$'40+'0%2,'+*29 20++'70 $#0%$40-$ '-7 !7'-.'% 4 #0 0E$0-505 3-1!05.0 -'-:#%2$'20 '$'+ U*'$0'+'4'!%# $ $,0 R'+:'#%!'S'40$, 5 6':# 205*#0'$, *.,'$,0 9 #0$'2%!!8 $,0 R'+:'#%!'S'40$, 5 '-7 !70+'% 2 -9 $'-*'$8'-'$,0 $#0%$40-$ 6$,0 +*;&02$ #$:'2 1,'2,'$,0 ?'2 -20-$#'2 2'#2!0 S'40$, 5 5 0+ $ '4:!8 $,'40$, 5+ , 1070#''-7 !70 $,0 '50% $,%$ +*;+0U*0-$ $#0%$40-$+ 6 $,0 6'0!5 1'!! ,%70 %-'0-!%#.05 +2 :0 $,'40$, 5+ %#0 :: +05 $ $,0 !50# R ! .'2%!S'40$, 5 1,'2,' %$$04:$05 $ $0%2,'%$:'2 $,# *.,' -0 $#0%$9 40-$ 4 #0 # !0++$,# *.,'%-5 6'-%! ,0+0 40$, 5+ ,%70 ;00-'+05 %-5 5'+2*++05 !%#.0!8 '-2 --02$' -1'$,'$,0 $0%2,'-.' 6 %#'$,40$'2 ,08 ,%70%::0%#05'-' $,0# +*;&02$+ , 1070# 00 ' + %' # / 4 , %

/ $0#4 50+2#';'-.% .0-9 0#%! :#'-2':!0 # 2!%++%+ .#%+:05 ;8 $,0 4'-5 R -20:$'-'S'+ .0-0#%!!8 *+05 6 $,0 %2$ # :0#%$' - 6 .#%+:'-.'$,0 .0-0#%! # *-'70#+%!' 1,'!0 R'2 -20:$'S'+ *+05 6 # $,0 :# 5*2$ 6 $,0 :0#%$' - : '-$,%+ ;00-4 #0 5'+:*$05 '-! .'2 %-5 :,'! + :,8 $,%-'$,0 $#*0 -%$*#0 6 $,0 .0-0#%! -$,0 '55!0 .0+'$ 1%+! -. $,0 2,'0 6 ;%$$!0.# *-5 6 40$%:,8+'2%! %-5 $,0 9 ! .'2%! 2 -$# 70#+8 $,0 0E$#040 %-5 !%$ -'2 +2, !'2%!!05#0%!'+$+2 -$0-5'-.'6 #$,0+*:0#' # %-5 :#' # #0%!'$8 6 $,0 *-'70#+%!' -'-#0+:02$ $ $,0 '-5'7'5*%!< 1,'!0 $,0 - 4'-%!'+$+ ,0!5 $,%$ '-5'7'5*%!' $,'-.+ %#0 %! -0 $#*!8 #0%! %-5 $,%$ .0-0#%!'$8 '+ 6 *-5 -!8 '-'$,0 1 #5+ 1,'2,'%#0 %::!'05 $ '% 4*!$':!'2'$8 6 :%#$'2*!%#+ 0$100-$,0+0 $1 +2, !+$ 5 $,0 5 2$#'-0 6 4 50#%$0 #0%!'+4 1,'2,'1%+ 6'-%!!8 $,0 66'2'%! 7'2$ #$,0!5 $,%$ 1,'!0 *-'70#+%!+ ,%70 -+0:%#%$0 0E9 '+$0-20 $,'-.+ %#0 2,%#%2$0#'G05 ;8 2 4 4 -:# :0#$'0+ %-5 #0!%$' -+ + $,%$ *-'70#+%!+ 0E'+$ '-$,'-.+ %-5 '-5005 2 -60# $,%$ '-$0!!.';10 2,%#%2$0#*: -$,'-.+ 1,'2,'4 30+$,04'+*+20:9 $';!0 6 506'-$' -2!%++'6'2%$' -%-5 504 -+$#%9 $'70 3-1!05.0 $%!%$0#$'40'2 -20:$*%!'+4 1%+ 660#05 %+ % 2 4:# 4'+0 5 2$#'-0 $,'-.+ %#0 %!! :%#$'2*!%# %-5 +0:%#%$0 ;*$ $,0 4'-5 -'$,0 ;%+'+ 6$,0'# #0+04;!%-20+ 6 #4+ %-'%;9 +$#%2$ '50% 6 1,%$ $,08 ,%70 '-2 44 -+ $,%$ '50%+ - $ $,'-.+ - $ 1 #5+ %#0 $,0 $#*0 .0-0#%!+ ,'!0 $,'+ 5 2$#'-0 ,%+ 5 *;$!0++ ;00-'$,0 4 +$'2*##0-$ 6 %!!$,0 7'01+?'-'$,0 !%+$ 601 20-$*#'0+ '$ '+ :# ;%;!8 $,0 !0%+$ +%$'+6%2$ #8 6 %-8 $ '-7 !70+ %-' 07%+' -

6' $,0' U*0+$' -' %$' '++*0' 6 #' 1 ,'!0' :# 2!%' 4 '- .' $,%$' .0-0#%!'$8' %$$%2 ,0+' -!8' $ ' '50%+' '$' , !5+' $,%$' $,0' .0-0#%!' '50%' '+' '$+01 6' ;%+05' -' $,0' #0+04 ;!%-20+' # 2 4 4 -' 6%2$ #+' 6' ;&02$+' ,'+' '+' 0'$,0# $,0' 5 2$#'-0' 6' 4 50#%$0' #0%!'+4' '-'%- $,0# 6 #4' #0!+0' '$ #0-50#+' +2'0-20' '4 : +9 +';!0' ;8' 50-8'- .' $,0' 0E'+$0-20' 6' #0!%$' -+' %4 -.' ;&02$+' %-5' 4%3'-.' #0+04 ;!%-20' %' :*#0!8' +*;&02$'70' 600!'-.' #0 70#' +'-20' 0#309 !08' '$' ,%+' ;00-' .0-0#%!!8' 5 *;$05' 1 ,0$,0# %-' '50%' '+' %+' %-' 0E'+$0-20' %-8' 4 #0' .0-0#%!' $,%-' %-8' $,0# 22*##0-20' -' #020-$' 80%#+' $,0' 50;%$0' ,%+' +,'6$05' '-' :%#$' $ ' $,0' U*0+$' -' 6' $,0' -%$*#0' 6' !%1' %-5' *-'6 #4' #0!%$' -+' %4 -.' ;&02$+' %-5' '-' :%#$' $ ' $,0' U*0+$' -' 6' $,0' -%$*#0' 6' 40%-'-.' 4<% %*% ,0' 05*2%$' -%!' %+:02$+' 6' $,0' U*0+$' -' %#0' 5'+2*++05' *-50#' $,0' !%$$0# 2%:$' -' $ ' 1 ,'2,' $,0' #0%50#' '+' %22 #5'-.!8' #09 60##05' +82, ! .'2%!!8' $,0' :#0+0-$' $0-50-28' '+' $ ' +003' 6 #' $,0' .0-0#%!' '-' %$$'$*50+' %-5' 6*-29 $' -+' #%$,0# $,%-' '-' 0E'+$0-20+' 1 ,0$,0# 6' % 40$%:,8+'2%!!8' :,8+'2%!' #' :+82,'2%!' $8:0

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$ .0$,0# %'60 1' 6' $, +0' :0#+ -+' 1 , ' '-' 40#'2%' ,%70' :*#+*05' # 50+'#0' $ ' :*#+*0' $,0' :%$,+' 6' +:02*!%$'70' :,'! + :,8' $ ' 0-2 *#%.0' $,0+0' +$*50-$+' %-5' :# 60++ #+' $ ' 2 4 4*-'2%$0' 1'$, ' 0%2,' $,0# 1 ,%$' $,08' ,%70' !0%#-05' %-5' 405'9 $%$05' %-5' $ ' '!!* +$#%$0' ;8' %' 2 -+$%-$' #060#0-20' $ ' : 0$#8' %-5' $,0' ,'. ,0#' !'$0#%$*#0' $, +0' '50%+' 1 ,'2,' :,'! + :,8' :#0+0-$+ S

,0' 6'#+$ +0++' -' 6' $,0' +2, !' 1%+' :0-05' '-' !2 $$ +$*58' %$' $,0' R' #2,%#5' *+0 S' %-5' 2 -$'-*05' +'E' 1003+' 5*#'-.' $,0' 4 -$,+' 6' (*!8' %-5' *.*+$' >)LP' %$0#' $,0' R' '!!+'50' ,%:0!' S' 1%+' 2 -+$#*2$05' -0%#' ;8' %-5' %66 #505' 4 #0' 2 -70-'0-$' %22 4 4 5%$' -+' %$0#' +0+9 +' -+' 10#0' %$' 6'#+$ 6'70' 1003+' $,0-' 6 *#' 1003+' %-5' %6$0#' >))J' $1 ' 1003+' -!8' ,0' $0-$,'%-5' !%+$ +0++' -' '-' >))))' !%+$05' -0' 5%8' -!8' %-5' 1%+' %' +0#7'20' 404 #'%!' $ ' !2 $$' 0:#0+0-$%9 $'70+' 6# 4' NN' +$%$0+' 6' $,0' -' -' 10#0' %4 -.' $,0' MKK' %$$0-5%-$+' %$' $,0' 6'#+$ +0++' -' -0' 6 *#$,' 6' 1, 4' 10#0' #0+'50-$+' 6' -2 #5' ,0' $8:0' 6' +$*50-$+' 6 #' 1, 4' :# 7'+' -' 1%+' 4 "0' '+' '-5'2%$05' '-' :%#$' ;8' $,'+' +$%$040-$ %:0%#'-.' '-' $,0' 2'#2*!%#+' R' ' :#0!' 4'-%#8' 0E%4'-%$' -+' %#0' #0U*'#05' %-5' -' !'4'$%$' -+' 6' %.0' +0E' # #0+'50-20' '-' -2 #5' 1'!!' ;0' :#0+2#';05' ;*$' $' '+' #02 4 40-505' $,%$' :0#+ -+' *-50#' 0'.,$00-' 80%#+' +, *!5' -' $' :#0+0-$' $,049 +0!70+' %+' +$*50-$+ S

,0' :# .#%4+' 6' $,0' +0++' -+' 2 4 :#'+05' 2 *#+0+' 6' !02$*#0+' %+' 10!!' %+' 4%-8' +'-.!0' !029 $*#0+' ;8' 10!!?3- 1-' +2, !%#+' *#'-.' $,0' 6'#+$' 6'70' 80%#+' #%$,0# 0E$0-505' :# .#%4+' ;0%#9 '-.' -' :,'! + :,8' %-5' !'$0#%$*#0' 10#0' 2%##'05' *$' ,0'+'E$,'80%# 1%+' 507 $05' 4%'-!8' $ ' $,0' .0-'*+' %-5' 2,%#%2$0#' 6' 40#+ -' H>))NF' $,0' +070-$,'80%#' $ ' 0$,0' .0-'*+' %-5' 1 #3' $,0' 0'.,$,'80%#' $ ' %-$0' %-5' !%$ ' %-5' $,0' -'-$,' 80%#' $ ' $,0' :,'! + :,8' 6' #'+$ $!0' %-5' '$+' ;0%#'-.' -' 4 50#-' $, *.,$' 4 -.' $,0# $,040+' $#0%$05' 10#0' +:02*!%$'70' :,'! + :,8' ,'+$ #8' 6' :,'! + :,8' $,0' :,'! + :,'2%!' +8+$04+' 6' %-$' '2,$0' 0,0!!'-.' %-5' 0.0!' :%-$,09 '+4' :+82, ! .8' :!'$'2%!' :,'! + :,8' #003' !'60' !'$0#%$*#0' %-5' #0!'.' -' %-5' %0+$,0$'2+' %-5' %#$' -'%55'$' -'$' $,0' #.%-'G0#+' 6' $,0' +2, !' %!#0%58' 40-$' -05' $,0' 6 !! 1'-.'!0%50#+' %4 -.' $,0#+' '-' 40#'2%-' $, *.,$' %-5' +2, !%#+,':' 2 -$#';*$05' $ ' '$+' +070#%!' +0++' -+' (,-' !;00' (,-' %+2 4' #+' ' ' ,0-08' , 4%+' %7'5+ -' (,-' '+30' (*!'%' %#5' 10' ' ' 1'+ -' '!!'%4' (%40+' (' ' 05-08' (%40+' 2 +,' ' *!6 #5' ' ' ##'+' 0-&%4'-' 0'#20' %,' #$0#' ' (' -'50#' %-5' (,-' %$+ -'

,0#0' 1%+' -' R' +2, !' 6' $, *.,$' S' 5070! :05' *$' 6' $,0+0' 2 *#+0+' %-5' +'-.!0' !02$*#0+' 2 -9 60#0-20+' %-5' 2 -70#+%$' -+' %2,' 4'-5' 1%+' :0#602$!8' 6#00' $ ' :#0+0-$' %-5' $ '#020'70' $,0' $#*$,' %22 #5'-.' $ ' '$+' 1-' 2 -7'2$' -' *$' $,0' +2, !' 1%+' 4 #0' $,%-' %' ! 2%!' '-2'50-$' :#'-.9 '-.' 6# 4' $,0' 4'5+$' 6' $,0' 01' -.!%-5' #%-9 +20-50-$%!'+4' 4<% %*6' %-5' 10!2 4'-.' $,0' -01!8' 5070! :05' +$*58' 6' $,0' ,'+$ #8' 6' :,'! + :,8' ;8' 40#'2%-+' '$+' *$2 40' $0-505' $ ' 4 70' '-

2 -50-+%$' -' '+' % .0-0#%!' 2 ,%#%2$0#'+$'2' 6' $,0'
40-$%!' !'60' 01' 6' *# 0E:0#'0-20+' %#0' %+'
6*!!' 6' 2 -$0-$' %+' +00 4 +' $ ' ;0' #070%!05' ; 8' 2%#09
6*!' '-$# + :02$'70' # 0E:0#'40-$%!' %-%!8+$+' -'
:0#20:$*%!' 0E:0#'0-20' 6 # 0E%-'fF!0' 0E:0#'40-9
$%!' %-%!8+'+' #070%!+' $,0' 6%2$' $,%$' :0#20:$' -'
6' $,0' $,'#5' 5'40-+' -' H50:$,F' '+' !%#.0!8' 509
:0-50-$' *: -' $,0' 5'660#0-20' '-' $,0' #0$'-%!'
'4%.0+' '-'$,0'$1 '080+' ,'+' 5'660#0-20' '+' , 19
070#' *- - $'205' '-' 6%7 # 6' $,0' 40%-'-.' 6' $,0'
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+0-+ #8' 0!040-$+' 6' $,0' 0E:0#'0-20' ;02 40' 6*+05'
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%:$'$*50' 6 #' 4%$,04%$'2+' %-5' +2'0-20' %-5' '-'
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-' >L)N' ,0' ;02%40' % 404;0#' 6' $,0' #0-2,'
2%5048' 0' 1%+' %-' %2$'70' 2 -$#';*$ # $ '
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$,0' ;%+'+!' 6' 4 #%!'$8' %-5' ,*4%-' :# .#0++'
,',%'4' 6'!'60', *!5' ;0' '-+:'#05' ;8' %' ;0!'06'
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+0-$'%!' :#0:%#%$' -' 6 # 4 $,0#, 5' 1'60, 5

Marie Jean Antoine Nicolas Caritat, Marquis de Condorcet (1743–1794). See p. 174.

Étienne Bonnot de Condillac (1715–1780). See p. 174.

Victor Cousin (1792–1867). See p. 224.

Auguste Comte (1798–1857). See p. 169.

A Group of French Educators.

%-5 2 4#%50+,': 6 40- -5 #20$ 1%+ -0 6 $,0 6'#+$ $ +*.+=0 +$ % 50:%#$*#0 6# 4 $,0 $#%5'$' -%!'!$0#%#8 05*2%$' - %-5 $,0 '-2!*+' - 6 $,0 +2'0-20+

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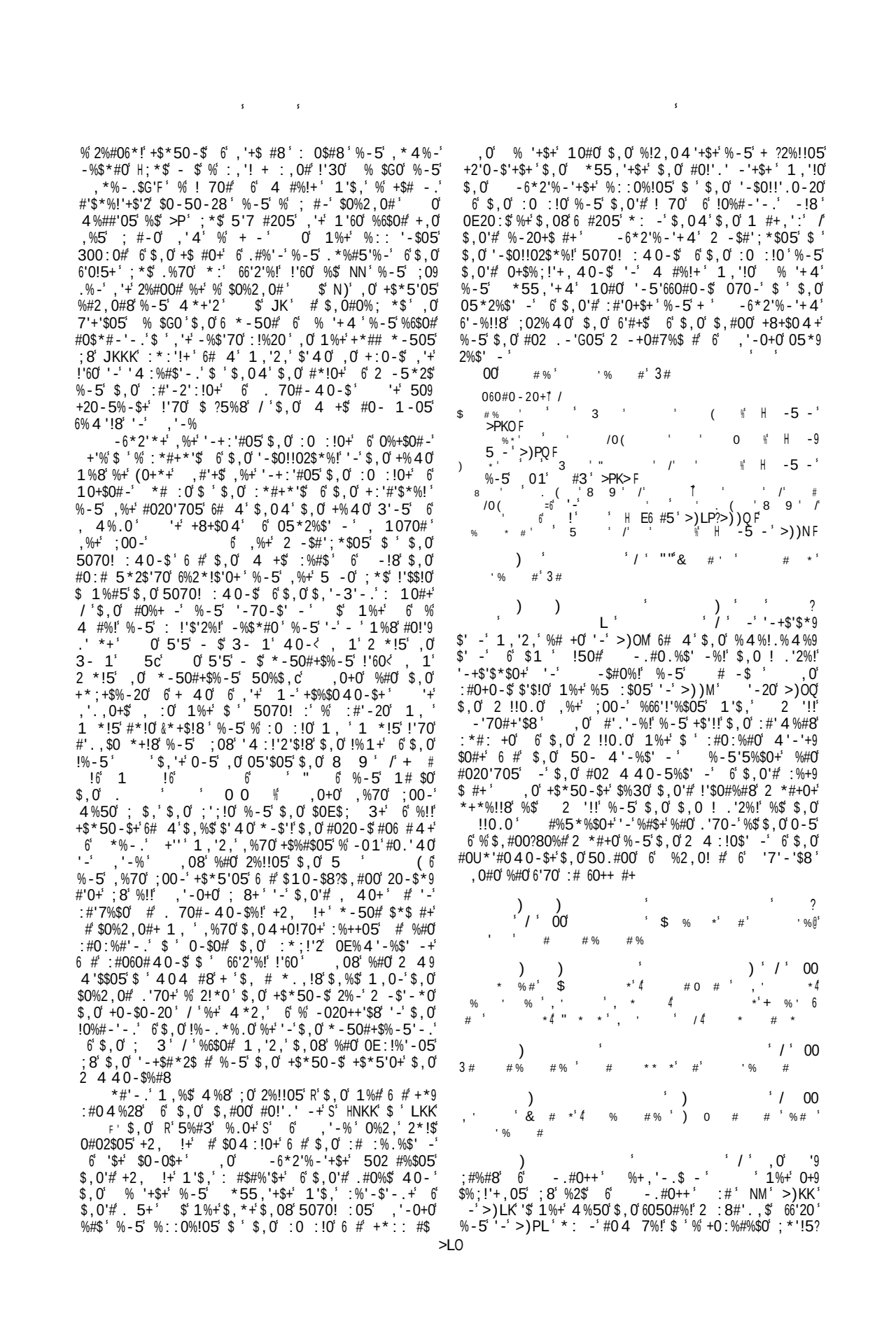

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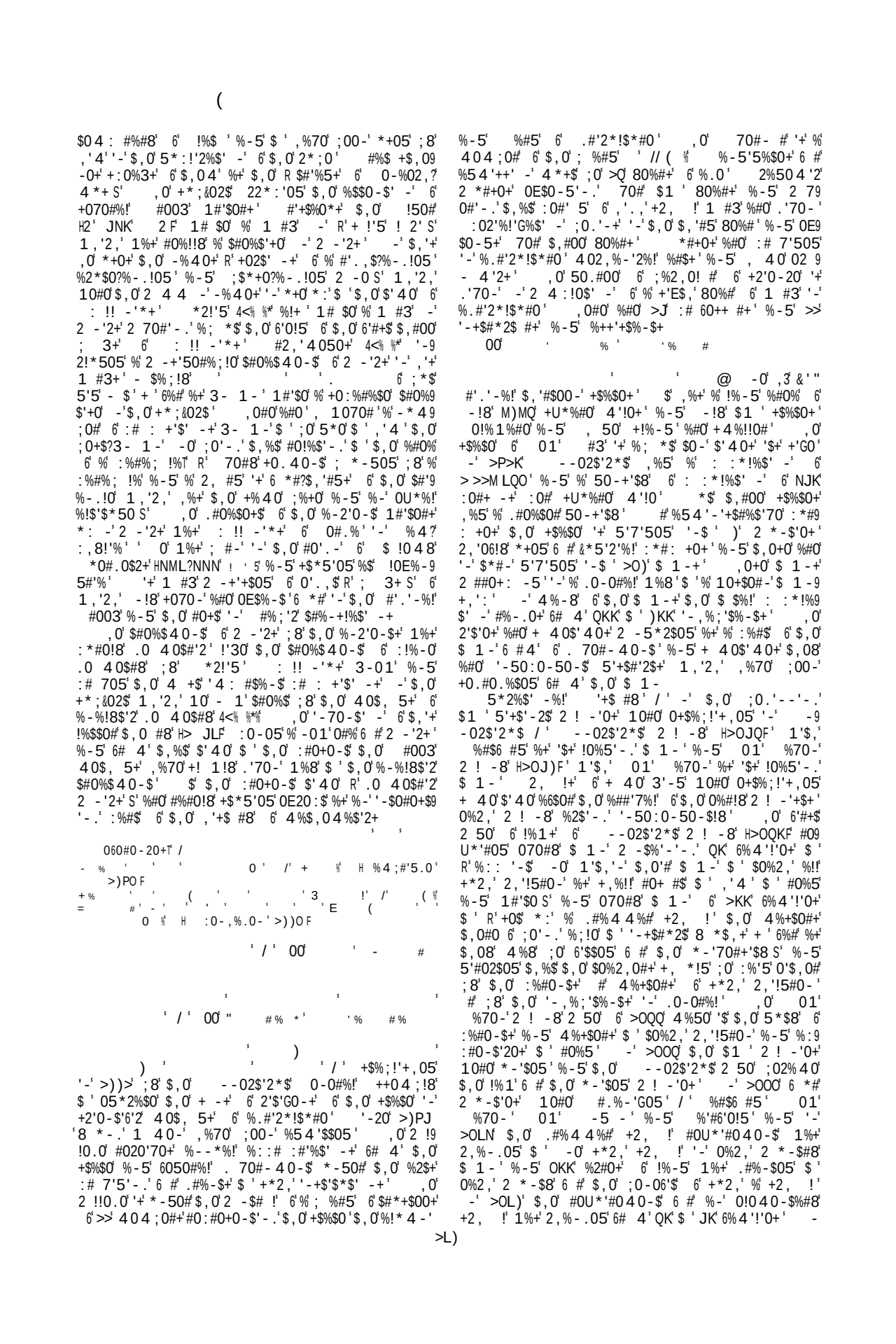


>OPK $,0 .0-0#%! 2 *#$ H!0.'+!%$*#0 .#%-$05 aOK 80%#!8 $ $,0 .#%4 4%# +2, !+ 6 01 %70-'%-5 %#$6 #5'%-5'-'>OPJ 0%2,' 6 $,0 $1 '#04%'-'-.'+2, !+ #020'705 aJK' 0+:'$0 $,0+0 #%$,0# #04%#3%;!0 0%#!8 !%1+'%-5 $,0 1%$2,6*!-0++ 6 $,0 2 *#$+' 4%-8 2,'!5#0-' 10#0 .# 1'-.' *.:'-'.- #%-20' %-5 '-'>OPK '$ 1%+ 4%50 $,0 5*$8 6 $,0 .#%-5 &*#8 $ 7'+'$' %$!0%+$ -20 % 80%#' ;%2,' 6%4'!8 +*+:02$05 6 07%5'-.'$,0 !%1'%-5 :%#0-$+ # 4%+$0#+ 6 *-5 .*'!$8 10#0 $;0 -05 NK+'-'6*-5+ 1%+ $;0 4%50 *:'6# 4'$,0 $#0%+*#8 6 $,0 2 ! -8 $ '$, +0 $ 1-+ 1,'2,' 4%'-$%'-05 $,0'# +2, !+%22 #5'-.'$'!%1'%-5'-':# : #$' - $ $,0'# #0+:02$'70 $%E !'+$+ %-5 : !!+ -8 506'2'0-28'-'6*-5+ 1%+ $;0 4%50 *:'6# 4'$,0 '-2 40 6# 4' +2, !;0U*0+$+'6 %-8 0E'+$05 %-5 %6$0# $,%$;8 $,0 $ 1-' %-5 :%#0-$+'-' 0U*%! :# : #$' -+' *-!0++ $,0#1'+0 #50#05 ,'+!%1' 1%+ 2,%-.05 $ #0%5 >K+'-' >LQM NK+'-' >LOO'%-5 #0+$ #05 $ MK+'-' >LOL'%-5 $,0-#04%'-05'-'6 #20 %$ $,%$ +*4' *-$'! >)NK -' >LKK 070#8 $ 1-' 6 LK 6%4'!'0+ 1%+ 2%!!05 *: -' $ 4%'-$%'-'%+2, !6 # >> 4 -$,+ 0%2,' 80%#' %-5 %!! +4%!!0# $ 1-+ 6 # 0 4 -$,+' -' >L>N $,0+0 #0U*'#040-$+ 10#0 0E$0-505 $ %!! :%#'+,0+' # + 2'0$'0+'-$' 1,'2,' %-*4;0# 6 $ 1-+ ,%5 ;00-' 5'7'505 6 # 2 -70-'0-20 '-' 1 #+,':' ,0 !%1' 6 >LQK #00-%2$05 $,0+0 :# 7'+' -+ %-5 2 5'6'05 %!! +2, ! !%1+ $,0-'-' 6 #20'%-5 502!%#05 $,%$ $,0 6*-5 50#'705 6# 4 $,0 +%!0 6 $,0 +2, ! !%-5 '-' -#$,9 10+$0#-' --02$'2*$'-' >LJJ'+, *!5 ;0 % :0#9 :0$*%! 6*-5 6 # $,0 +*:: #$ 6 +2, !+'-' $,0 5'66 0#0-$ $ 1-+ %-5 + 2'0$'0+

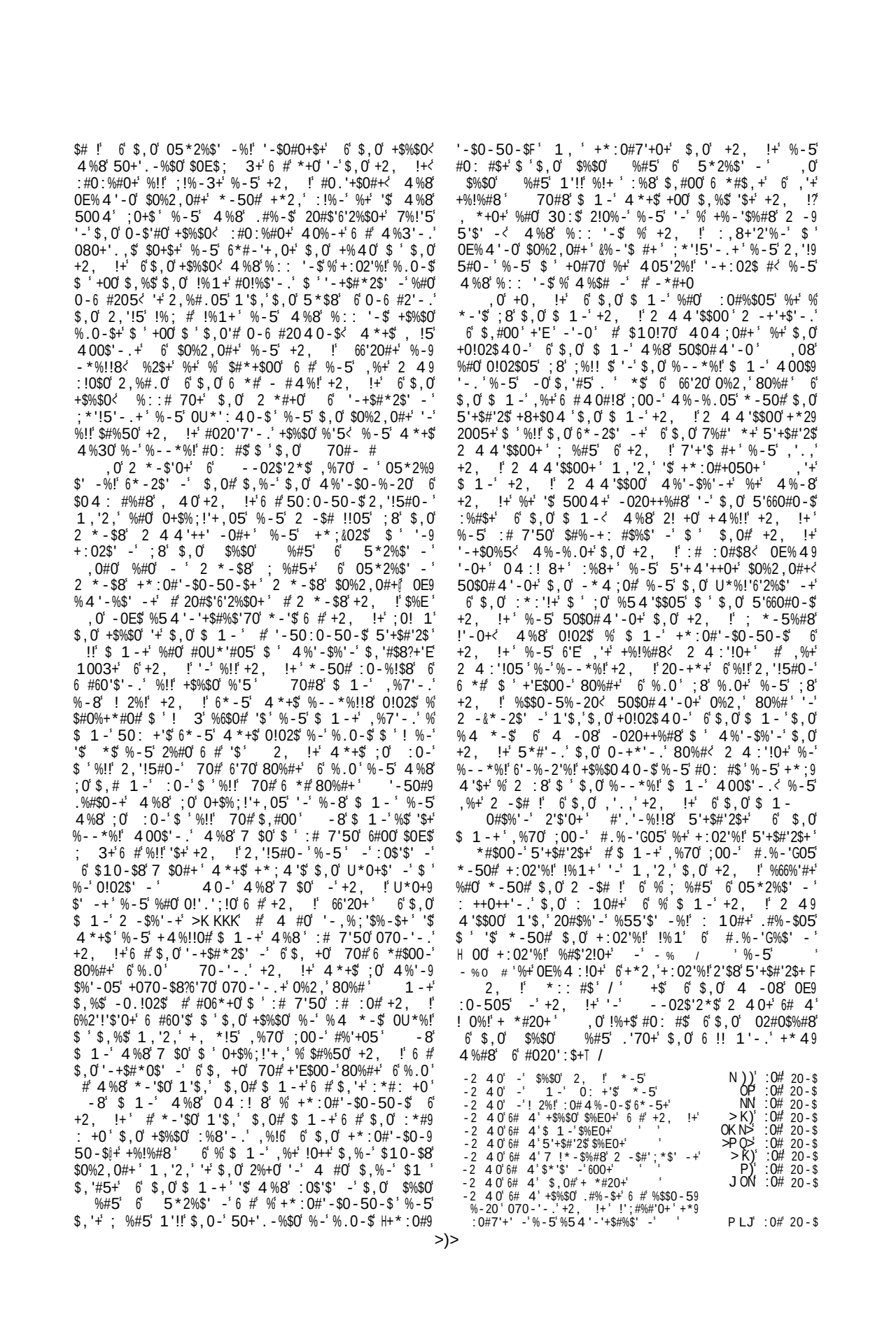
-' >L>M $,0 6'#+$!%1' #0!%$'-.'$ ' +*:0#7'+' -' 1%+ 0-%2$05 ,'+ 5'#02$05 $,0 +0!02$40-' 6 0%2,' $ 1-' R' $ ' '-+:02$ $,0 +$%$0 6 %!! +*2,' +2, !+ %+ %#0 %:: '-$05 '-' +%'5 $ 1-' 6# 4 $'40 $ ' $'40 %-5 :%#$'2*!%#!8 -20 '-' 0%2,' U*%#$0# 6 $,0 80%#' ' ' %-5 $ ' '-U*'#0 '-$ ' $,0 U*%!'6'2%$' -+ 6 $,0 4%+$0#+ 6 +*2,' +2, !+ %-5 $,0'# 5'!'.0-20 '-' %$$0-5'-.' $ ' $,0 +0#7'20 6 +%'5 +2, !+ $ .0$,0# 1'$,' $,0 :# 6'2'0-28 6 $,0 2,'!5#0-' *-50# $,0'# 2%#0 S' ,'+ !%1' #04%'-05 '-' 6 #20 *-$'! >LP)' 1,0-' 0%2,' +2, ! + 2'0$8 1%+ #0U*'#05 R' $ %:: '-$ %+*'$%;!0 -*4;0# 6 :0#+ -+' - $ 0E2005'-.'-'-0 6 2 49 :0$0-$ +3'!! %-5 !0$$0#+' $;0 70#+00#+ %-5 7'+'$ #+ 6 +2, !+ S' $ 1, 4 1%+ %++'.-05 $,0 5*$8 6 0E%4'-'-.' $0%2,0#+ %:: # 7'-.' $,0'# 1 #3 4%3'-.' #*!0+ %-5 #0.*!%$' -+ 6 # $,0 +2, !+ %-5 5'#02$'-.' $,0 R' -+$#*2$' - 6 8 *$,''-'!0$$0#+'#0!'.' - 4 #%!+'%-5 4%--0#+ S' -' >)QO -' $,0'%;!'$' - 6 $,0 +2, ! 7'+'$ #+ 1%+'.'70-' $ ' $,0 $ 1-+

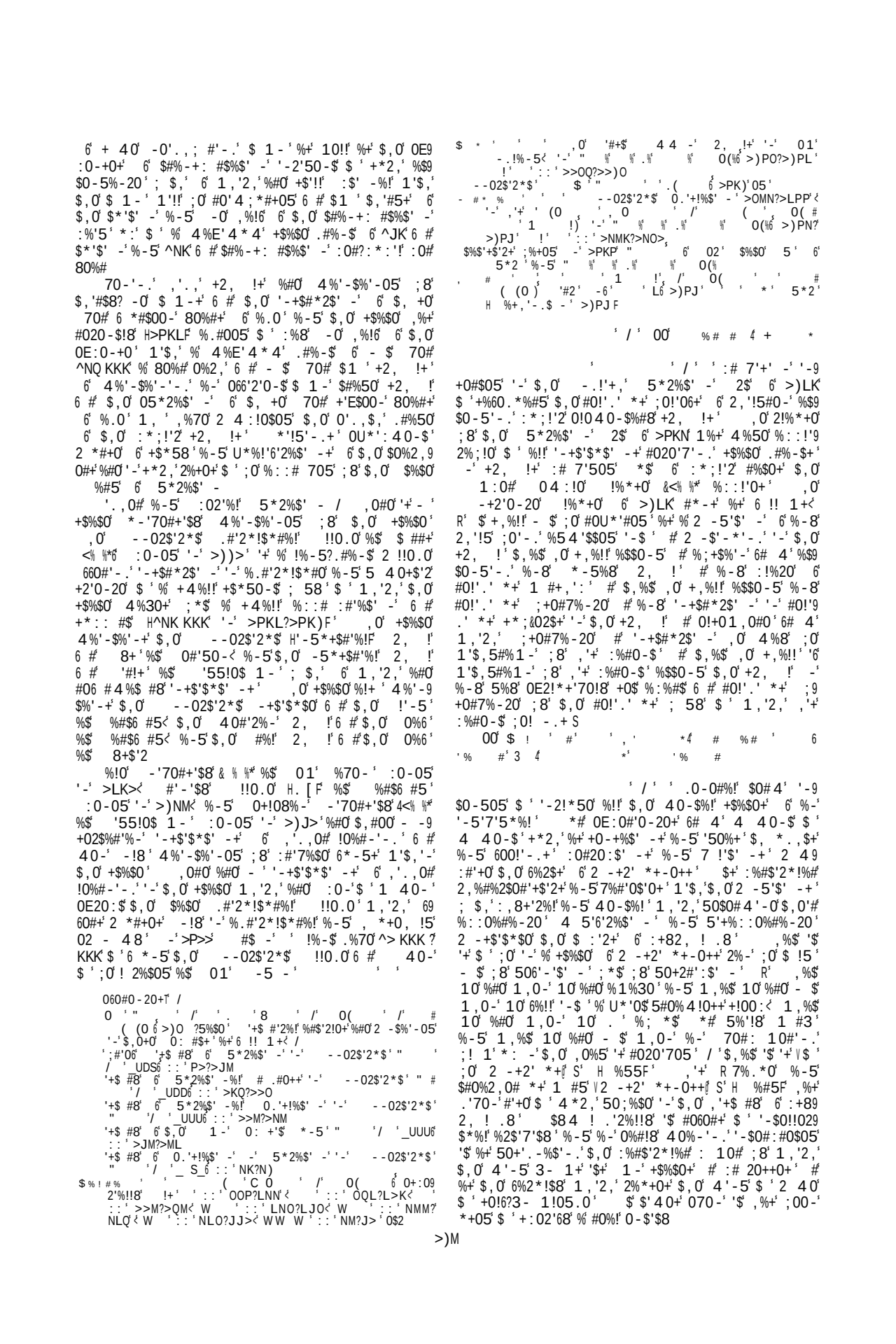
:' >LJJ $,0 :*;!'2 !%-5+ ;0! -.'-.' $ ' $,0 2 ! -8 !8'-.'-' 1,%$'+ - 1 $,0 - #$,10+$0#-' :%#$ 6 $,0 +$%$0 10#0 +0$ %:%#$ $ 6 #4 %:0#9 4%-0-$+2, !6*-5 $,0 :# 2005+ 6 $,0+0 !%-5+ 20#$%'-'#0+0#7%$' -+ 0E20:$05 $ ' ;0 5'+$#';*$05 %4 -.' $,0 5'660#0-$ $ 1-+ '-' :# : #$' -' $ ' $,0'# $%E !'+$+ !!' :%#'+,0+ %-5+ 2'0$'0+ 10#0 $ '#020'70 $,0'# 5*0 :# : #$' -'%-5 -'$,0 +%40 ;%+' ,0 R' +2, !+ 2'0$8 6*-5+ S' $%30-' 70# ;8 $,0 $ 1-+ -' $,0 %; !'$' - 6 $,0 +2, !+ 2'0$'0+ '-' >)QO %-5 - 1 3- 1-' %+ ! 2%!* 6*-5+ ,%5 $,0'# #'.'-' 2,'06!8 6# 4 $,0 +%!0 6 $,0+0 !%-5+ ,0 --02$'2*$ 2, !*-5 H+00 *-50# , ' & # *5 1,'2,' 6 # ,%!6 % 20-$*#8 1%+ $,0 4%'-'+*:: #$ 6 $,0 +2, !+ 2%40 6# 4 $,0 +%!0 6 $,0 +?2%!!05 0+$0#-' 0+0#70 ,0 2 ! -'%! 2,%#$0# 6 --02$'2*$.#%-$05 $ ' $,0 2 ! -8 %+$#':' 6!%-5 10+$$ $ ' $,0 %2'6'2 20%-' ' :#$' -' 6 $,'+ 1%+ 20505 $ ' 0--+8!7%-'%'%-5 $,0 #04%'-50#' 1'$,' $,0 0E20:$' -' 6 % #0+0#70 >NK 4'!0+ ! -.''-' - #$,9 0%+$0#-' ,' ' 1%+ 20505 $ ' $,0 -'$05 $%$0+' >LPQ $,'+ #0+0#70 1%+ !5 6 # ^> NKK KKK '%-5 $,'+ +* 4' 1%+ +0$ %+'50 %+ % :0#4%-0-$ +2, ! 6*-5' $,0 '-2 40 $;0 5'+$#';*$05 %4 -.' $,0 +2, ! + 2'0$'0+'-' 0E'+$0-20 #$ ' ;0 6 #405 $, *.,';8 % $1 ' $,'#5+7 $0 $,0''-2 40 4'.,$;0 *+05 ;8 $,0 + 2'0$'0+ 6 # $,0 +*:: #$ 6 $,0 ,#'+$'%-' 4'-'+$#8 # :*;!'2 1 #+,':' 8 2%#06*! 4%-%.040-$ $,0 6*-5 1%+ '-2#0%+05 $ ' 70# ^N KKK KKK ;8 >)MP '%-5 '$,%+ #04%'-05 %$ %; *$ $,'+ 6'.*#0 070# +'-20 ,0 6'#+$ '-2 40 1%+ 5'+$#';*$05 $ ' $,0 + 2'0$'0+'-' >LPP -' $,0 ;%+'+ 6 $,0 $%E%;!0 :# :0#8 %-5 :!!+ ;*$ +'-20 >)NK '$,%+ ;00-' 5'+$#';*$05 '-' :# 9 : #+,':' ,0 !%1' 6 >LQK #00-%2$05 $,0+0 :# 7'+' -+ %-5 2 5'6'05 %!! +2, ! !%1+ $,0-'-' 6 #20 %-5 502!%#05 $,%$ $,0 6*-5 50#'705 6# 4 $,0 +%!0 6 $,0 +2, ! !%-5 '-' -#$,9 10+$0#-' --02$'2*$ '-' >LJJ '+, *!5 ;0 % :0#9 :0$*%! 6*-5 6 # $,0 +*:: #$ 6 +2, !+ '-' $,0 5'660#0-$ $ 1-+ '-' :# : #$' -' $ ' $,0'# $%E !'+$+ !!' :%#'+,0+ %-5+ 2'0$'0+ 10#0 $ '#020'70 $,0'# 5*0 :# : #$' -'%-5 -'$,0 +%40 ;%+' ,0 R' +2, ! + 2'0$8 6*-5+ S' $%30-' 70# ;8 $,0 $ 1-+ -' $,0 %; !'$' - 6 $,0 +2, ! +

5'+$#'2$+ * -50#$ 1 - 4%-%.040-$; 8 %& 4%& #'$8 5'+$#'2$ 7 $0 %-5 '- >)OO $,0 $ 1-+ 10#0 :0#9 4'$$05 $ 2 -+ !'5%$0 ; 8 7 $0 6 $,0 $ 1- %+ % 1, !0 !'$$!0 70# -0 ,%!6 6 $,0 $ 1-+ ,%5 7 !* -$%#'!8 %;%-5 -05 $,0 5'+$#'2$ +8+$04 ; 8 >PKP 1,0- - $,0 #02 440-5%$' - 6 % +:02'%! 05*2%$' -%! 2 44'++' - '$ 1%+ 0-$'#0!8 %; !'+,05 ; 8 !%1

,0 !%1 6 >LPQ 1'$, #0.%#5 $ $,0 +2, ! 6*-5 %-5 $,0 !%1 6 >LP) %:: '-$'-. +2, ! 7'+'$ #+ %-5 0+$%;!'+,'-.'+* :0#7'+' - #%2$'2%!!8 #07 !*$' -'G05 $,0 +8+$04 ,0 !5 2 *-$8 .#%44%# +2, ! !%1 6 >OLN 1%+ #0:0%!05 $, *.,' :0#4'++' - $ 6 #4 +2, !+ 6 ,'.,0# .#%50 $,%- 0!040-$%#8 1%+ .'70- ,0 -01 +2, ! 6*-5 + - :# 5*205 + '!%#.0 %-''-2 40 $,%$ '-' >)NK %!%1 1%+ :%++05 #0!'07'-.$,0 $ 1-+ 6$,0 -020++'$8 6! -.0# !078'-.$,0 $%E 6'#+$ #0U*'#05 '- >LKK %+ + - %+ $,0 '-2 40 6# 4 $,0 +2, ! 6*-5 #0%2,05 ^ON KKK ,'+ 2%40 $:%++' - >)N> %-56# 4 $,%$ 5%$0 *-$'! >)JP 1,0- %5'+$#'2$ $%E 6 # 2*##0-$ 0E:0-+0+ 1%+ :0#4'$$05 %-5 *-$'! >)QM 1,0-$,0 $ 1- $%E 1%+ #0+$ #05 $,0 2,'06 #0!'%-20 6 $,0 5'+9 $#'2$+ 6 # 6*-5+ 1%+ $,0 '-2 40 6# 4 $,0 +2, ! 6*-5 %-5 %+0++40-$+ ,0 !%$$0# 10#0 %*9 $, #'G05 '- >)K %-5 10#0 !07'05 -0%2, ,0%5 6 %6%4'!8 '- :# : #$ - $ $,0 -*4 ;0# 6 :*:'!+ +0-$ $ +2, ! %-5 $,0 -*4 ;0# 6 5%8+ %$$0-505 ; 8 0%2,

,0 2 -+$'$*$ - %5 :$05 '- >)>) +*:0#+059 '-.$,0 2 ! -'%! 2,%#$0# 6 >OON 2 -$%'-05 -!8 %+, #$ +02$ - -05*2%$ - ,0 2,%#$0# 6 %!0 !!0.0 1%+ 2 -6'#405 %-5 $,0 +2, ! 6*-5 1%+ 6'E05 %+ %+%2#05 6*-5 %-5 +0$ %:%#$ 6 # $,0 +*:: #$ 6 05*2%$' - %! -0 08 -5 $,'+ $,0 2 -+$'$*$ - 1%+ +!0-$ %-5 - 4%-9 5%$0 # 5'#02$' - %+ $ +2, !+ 1%+ '-2!*505 ,'+ :# 7'+' - ,%+ #04%'-05 *-2,%-.05 $ $,0 :#0+0-$ $'40 %-5 $,0 :# .#0++ 1,'2, --02$'9 2*$,%+ 4%50 '-05*2%$' - +'-20 >)>) ,%+ ;00- $,0 #0+*!$ 6 . 5 !0%50#+,':%-5 :*;!'2 +0-$'9 40-$ %-5 - $ '- #0+: -+0 $ 2 -+$'$*$' -%! #0U*'#040-$+ ,0 $'40 6 $,0 %5 :$' - 6 $,0 --02$'2*$ 2 -+$'$*$' - 1%+ %:0#' 5 6 %:%$,8 '- 05*2%$' - '-!' 01 -.!%-5 $,0 !%#.0 %-5 '-2#0%+'-.'-2 40 6# 4 $,0 -9 -02$'2*$+2, !6*-5 1%+ :# 5*2'-.'2%#0!0++-0+ :#'7%$0+2, !+ 10#0 -'$,0'-2#0%+0 $,0+2, !+ 6 $,0 +2, ! + 2'0$'0+ 10#0 : # $,0 :%*:0# +2, ! '50%,%5 6 *-5 6%7 #'- %-*4;0# 6 +$%$0+ %-5 %.0-0#%! 502!'-0'-05*2%$' -%! '-$0#0+$,%5 +0$ '- ,'+ +$%$0 6 %66%'#+ 2 -9 $'-*05 10!!' -$ $,0 6 #$'0+ - >)J $ -'-2 70+$'.%$' - 1%+ #50#05 - >)JP % %#5 6 44'++' -0#+ 6 # 2 44 -+2, !+ 1%+ 0+9 $%;!'+,05 ,08 10#0 %*$, #'G05 $ %:: '-$ % +02#0$%#8 1, '+, *!5 R 507 $0 ,'+ 1, !0 $'40 '6 #0U*'#05 *-50# $,0 5'#02$' - 6 $,0 %#5 $ +20#$%'-$,0 2 -5'$' -'-2#0%+0 $,0 '-$0#0+$ %-5 :4 4 $0 $,0 *+06*!-0+ 6 $,0 2 44 -+2, !+ 0-#8 %#-%#5 4<% 1%+ 0!02$05 +02#0$%#8 ; *$ '- >)MN $,0 !0.'+!%$*#0 %; !9 '+,05 ; $,$,0 ; %#5 %-5 $,0 66'20 - >)MQ $,0 2 44'++' -0# 6 $,0 +2, ! 6*-5 %- 66'2'%! 2#0%$05 '- >)K 1%+ %:: '-$05 *:0#'-$0-50-$ 6 44 - 2, !+ ; 8 $,0 .0-0#%! %++04 ;!8 - >)MP $,0 6'#+$ +$%$0 - #4%! +2, ! 1%+ 0+9 $%;!'+,05 %-5 $,0 +2, ! 1%+ 4%50 // (*:0#'-$0-50-$ 6 44 - 2, !+ ,'+ :*$ 0-#8 %#-%#5 ;%23 '-$ 66'20 % : +'$' - 1,'2, ,0 2 -$'-*05 $, !5 6 # $,0 -0E$+'E 80%#+ - >)OQ $,0 $%$0 %#5 6 5*2%$' - 1%+ 2#0%$05 %-5 #0U*'#05 $ 0!02$ %+02#0$%#8 %-5 $,'+ 6 #4 6 +$%$0 +*:0#7'+' - ,%+ 2 -$'-*05 070# +'-20 '-20 >)QK $,0 :# .#0++ 6 $,0 +2, !+ 6 --02$'2*$,%+ ;00- +$0%58 %-5 4%#305 - >)QM %- ;!'.%$ #8 $ 1-$%E 6 > 20-$ -$,0 ^>KK 6 # +2, !+ 1%+ 0+$%;!'+,05 '- >)QO $,0 R +2, ! + 2'0$'0+ S 10#0 %; !'+,05 '- >)OQ $ 1-+ 10#0 :0#4'$$05 $ #0$*#-$ $,0 $ 1-+8+$04 '- >)O) $,0 $ 1- $%E 1%+ #50#05 '-2#0%+05 +*66'2'0-$!8 $ 4%30 $,0 +2, !+ 6#00 $,*+%; !'+,'-.$,0 #%$0 ;'!!< '- >)L> $,0 6'#+$ +$%$0 %:: #'%$' - 6 QK 20-$+ -20-+*+ 1%+ 4%50 $ $,0 $ 1-+6 # +2, !+ '- >)LN $,0 +*4 1%+ #%'+05 $ ^N QK %-5 +'-20 $,0-'$,%+ ;00-#%'+05 $ ^N NQ< '- >))N %2 49 :*!+ #8 05*2%$' -'!%1 1%+ 0-%2$05 '- >))M +$%$0 0E%4'-%$' -+ 6 # .0-0#%! +$%$0 $0%2,0#+ 20#$'6'2%$0+ 10#0 '-+$'*$05 '- >))Q 070-'-. +2, !+ 10#0 :# 7'505 6 # '- >))Q $,0 0+$%;!'+,9 40-$ 6 3'-50#.%#$0-+ 1%+ :0#4'$$05 %-5 !%1+ #0.*!%$'-.$,0 04:! 840-$ 6 2,'!5#0-' 10#0 0-%2$05 '- >))Q $ 1-+*:0#7'+' - %-5 '- >PKJ $,0 2 -+ !'5%$' - 6 $ 1-+$ 6 #4+*:0#7'+ #8 *-' -+ 1'$, +$%$0 %'5 6 # $,0 +%!%#8 6 $,0 +*:0#'-$0-50-$ 10#0 :0#4'$$05 %-5 :# 7'505 6 # '- >))) :#'7%$0 +2, !+ 10#0 #0U*'#05 $ #0: #$ $ $,0 +$%$0 '- >)PL +$%$0 %'5 1%+ .#%-$05 $ 1%#5 $,0 :%840-$ 6 ,'., +2, ! $*'$' - 600+ 6 # :*:'!+ 6# 4 $ 1-+ 1,0#0 - ,'., +2, ! '+ 4%'-$%'-05 %-5 '- >PKJ +$%$0 %'5 $ 1%#5 $,0 :%840-$ 6 $,0 $#%-+: #$%$' - 6 +*2, :*:'!+ 1%+ .#%-$05 '- >PKJ '4: #$%-$!0.'+!%$' - 1%+ 0-%2$05 1,0#0;8 $,0 $%E #%$0 '-: # $ 1-+'+ 0U*%!'G05 5 1-$ M 4'!!+ %-5 $,0 %57%-$%.0+ 6 05*2%$' - %#0 0U*%!'G05 *:$ ^NQ :0# :*:'!' -%70#%.0 5%'!8 %$$0-5%-20 '- >PKP $,'+ 1%+ 2,%-.05 $ % .#%505 +8+$04 1,0#0;8 $,0 %'5 1%+ .#%-$05 $ %!#.0 #%-.0 6 $ 1-+ -5 '- >PKL '4: #$%-$ +$%$0 %'5 1%+ .#%-$05 $ %++'+$ '- $,0 0+$%;!'+,40-$ 6 . 5 $#%50 +2, !+ #0+0-$ 2, ! 8+$04 / ,0 :#0+0-$+2, ! +8+$04 6 --02$'2*$ '+ #.%-'G05 %+ 6 !9 ! 1+ $ $,0 ,0%5 6 $,0 +8+$04 '+ % $%$0 %#5 6 5*2%$' -'2 4: +05 6 $,0 70#- #' '0*$0-%-$? 70#- #' %-5 02#0$%#8 6 $,0 %#5 %+ // (404 ;0#+ %-5 6 *# $,0#+ %:: '-$05 ;8 $,0 .0-0#%! %++04 ;!8 6 #6 *#?80%# $0#4+ -0. '-.' *$ 6 66'20 0%2,'80%# 049 ;0#+ %#0 0!'.';!0 6 # #0%:: '-$40-$;*$ 4*+$;0 0!02$05 -0 6# 4 0%2,'2 -.#0++ -%! 5'+$#'2$ 6 $,0 +$%$0 ,'+ ; %#5 %:: '-$+ $,0 02#09 $%#8 %-5 6'E0+ ,'+2 4:0-+%$' - %-5 $,0 02#09 $%#8 %2$+ %+ $,0 0E02*$'70 66'20# 6 $,0 ; %#5 %-5 7'#$*%!!8 %+ % *:0#'-$0-50-$ 6 *;!'2 -+$#*2$' - 6 # $,0 +$%$0 ,0 $%$0 %#5 6 5*2%$' - ,%+ .0-0#%! +*:0#7'+' - %-5 2 -?





,0' 4 +$' +$#'3'-.' %-5' +'.-'6'2%-$' $#%'$+' 6' 2 -+2' *+-0++' :%#$'2*!%#!8' $,%$' 6' 4%-' %#0' '$+' -2#0%+'-.' 2 4 :!0E'$8' %-5' '$+' 5070! :40-$' 1,0$,0# #0.%#505' '-' $,0' '-5'7'5*%!' #' '-' $,0' #%20' ,0' :#0+0-20' 6' $,0+0' 2,%#%2$0#'+$'2+' !0%5+' -0' $' *-50#+$%-5' 1,8' %' +2'0-$'6'2' +$*58' 6' 40-$%!' 6%2$+' #0U*'#0+' $,0' 2 -+'+$0-$' 4%'-9 $0-%-20' 6';$,'%2# ++?+02$' -%!'%-%!8$'2' :'-$' 6' 7'01' H%+' '-' 50+2#':$'70' :+82, ! .8F'%-5'% ! -.'$*5'-%!' #6*-2$' -%!' :'-$' 6' 7'01' H%+' '-' .0-0$'2' :+82, ! .8F' $,' +$%-5':'-$+' %#0' -020++%#8' '-' #50#' $':#070-$'%-' 70#+'.,$' 6' '4: #$%-$'6%2$+' %-5'%'-0.!02$' 6' $,0'# !%$0#+'.9 -'6'2%-20' '-' $,0' 4 5'6'2%$' -' 6' 0E:0#'0-20

-+2' *+-0++' 4%8' ;0' +$*5'05' '-' '$+' 0-$'#0$8' %-5' %+' %*-'$H%+' %' (%40+' %55' #.%-F' #'$ 4%8' ;0' %:: # %2,05',$,# *.,'%-' %-%!8+'+' 6' '$+' :# 20++0+' %-5' $,0'# 6*-2$' -+' H%+' %' -.0!!' (*55' ,#-5'30F' 8' $,0' 6 #40# 4 50' '$' '+' 5'+2 70#05' $' ';0' % R+$#0%4 S' 4%50# *:' 6' %+*220++' -' 6' R 2 -+2' *+' 6'0!5+ S' 1,'2,' 5'660#'-'0E$0-$' '-$0-+'$8' #7'7'5-0++':#05 4'9 -%-$' U*%!'$8' #%$0' 6' 4 7040-$'%-5' '+' %!1%8+' 4%#305';8'%-'0E0#2'+0' 6'%+0!02$'70'%2$'7'$8'%-5' ;8'%' $0-50-28' $' ;02 40' R:0#+-%!S' 80$' ;#0%3'-.'*:' '-$' :%#$+' +*2,'%+' R 6 2%!S'%-5' R 4%#.'-%!S' #' R+*;+$%-$'70S'%-5' R $#%-+'9 $'70 S' 8'$,0' $,0# 4 50' 6'%:: # %2,'10',%70' ;#*.,$' $' *# %$$0-$' -' $,0' 5'660#0-$ 3'-5+' 6' 40-$%!' 6%2$+' $,0'# !0%5'-.'U*%!'$'0+'%-5'+'.-'6'9 2%-20+';0'-.' 0E,';'$05' '-' $,0' 7%#' *+' 2!%++'6'2%9 $' -+:# :+05' +*2,'%+' $,0'%2$'7'$'0+' 6'3- 19 '-.'600!'-.' 1'!!'-.' H %#5F' +0-+%$' -' 6%2$ #+' #0!%$' -+';0$100-'+0-+%$' -+' %$$'$*50+' 404 #8' 2 -$#';*$' -+' $' 0E:0#'0-20' %-5''50%$' -%!' #0!%9 $' -+' H(*55F' #' 40-$%!'+$%$0+' 1,'2,'%#0' 1,%$' $,08'+$%-5'6 #' $, +0' 1,'2,'%#0' !'30' 1,%$' $,08' +$%-5'6 #' %-5'$, +0' 1,'2,'%#0' *-!'30' 1,%$' $,08' +$%-5'6 #' H , #-5'30F

-%+4*2,'%+' 2 -+2' *+-0++' %!1%8+' $0-5+' $' +0#70' 20#$%'-'0-5+' %-5''+' '-$0#0+$05' 4 #0' '-' $,0' #0+*!$+' $,%-' '-' $,0' :# 20++0+' 6' %2$' -+' $,0' 6*-2$' -%!' :''-$' 6' 7'01',%+' #020-$!8' 2 40' 6 #9 1%#5' :!%2'-.'04:,%+'+' *:' -' $,0' 2 -$#';*$' -' 4%50' ;8' $,0' 4'-5' '-' $,0' %5&*+$40-$' 6' $,0' #.%-'+4' $''$+' 0-7'# -40-$' ,0-'+*66'2'0-$ 6%2$+',%70' ;00-'.%$,0#05' *-50# $,0' 5'#02$' -' 6' $,'+':#'-2':!0' 1,'2,''+', 1'-.''$+0!6%::!'2%;!0' $'%-'4%!' %+' 10!!' %+' $',*4%-' 2 -+2' *+-0++' $,0#0' 1'!!';0' %$',%-5'%+' %'5'+$'-2$' #0+*!$%:,8! 9 .0-0$'2':'2$*#0' 6' $,0' 07 !*$' -' 6' 2 -+2' *+-0++' %+' '$ 4%30+' '$+' 4%-'60+$%$' -+' '-' $,0' *:1%#5' +2%!0' 6' G ! .'2%!' !'60

,0' 50:0-50-20' 6' 2,%-.0+' '-' 2 -+2' *+-0++' '-' 4%-' *:-':,8+'2%!' %-5' -0*#%!' 2 -5'$' -+' +*2,' %+' 0E$0#-%!' +$'4*!%$' -+' ;! 5' +*::!8' 6%$'.*0'%-5'#0+$'0$2' %+' 10!!'%+'*:-'$,0'+:02'6'2' %2$'7'$'0+' 6' 4 #0' # !0+' 506'-'$0' #.%-+' # %#0%+' '-' $,0' -0#7 *+' +8+$04' ,%+' ;00-' 2!0%#!8' +0$6 #$,'-'$,0' -*40# *+'+$*5'0+'-':,8+' ! .'9 2%!' :+82, ! .8

$'+' 4 +$'4: #$%-$' ;+0#70' $,%$' 05*2%9 $' -' %+' %:# 20++' 4*+$' %!1%8+' ;0' #0.%#505' '-' $0#4+' 6' 2 -+2' *+-0++' ,'+' '+' $,0' +'-.!0' 2,%--0!' $,# *.,' 1,'2,' %!!' $0%2,'-.'%-5' - 9 $0%2,'-.'05*2%$'70' %.0-2'0+' 2%-' 4%30' $,0'# %:9 :0%!' $' $,0' -'5'7'5*%!' !!' +0-+ #8' 5'+2#'4'-%9 $' -+' *+06*!' '4%.0+' 6 #4%$' -' 6' &*5.40-$+' :*#: +06*!' 5'#02$' -' 6' 4 7040-$+'%-5' 070#8' $,0# 22*##0-20' #0U*'#05' '-' $,0' 2 *#+0' 6' $#%'-9 '-.'%-5''-+$#*2$' -' 4*+$'%::0%#'-' $,0' 4'-5' 6' $,0'.'70-':0#+ -';06 #0'05*2%$' -' 2%-' ;0' +%'5' $' $%30' :!%20' -' #50#!8' 2 -$# !' 70#' $,0' '-'$'%!' +0U*0-20+' 6' $,0' 2 -+2' *+' 0E:0#'0-20+' 6' $,0' 2,'!5'%6$0#'$+' 40-$%!' 5070! :40-$',%+' .-0' 6%#0- *.,'$'5'66 0#0-$'%$0' '$+' 2,'06' :# 20++0+' 2 -9 +$'$*$0+' $,0'6'-0'%#$' 6' $0%2,'-.' -+2' *+-0++' *-'6'0+' 2%:%2'$'0+' %-5' %2$' -+' ;8' R' 5'+! 2%$'-.' 0E:0#'0-20+S' H '-$F' 6# 4' $,0'# #'.'-%!'+0$$'-.' %-5':*$$'-.'$,04'-$'-01'#0!%$' -+' 1,'2,'2 40' $',%70' 5'#02$'70'+'.-'6'2%-20' 6 # !%$0#'-$0#0+$+' %-5' %2$' -+' ,0-':*:'!+' %#0' %1%#0' 6' $,0'#09 +*!$+' 50+'#05' $0%2,0#+' #0%!'G0' $,%$' $,0'# 066 #$+' '-2#0%+0' '-' 066'2'0-28' ,0' 5'660#0-$' 6 #4+' 6' !0%#-'-.' %#0' 2 -+$%-$!8' 50:0-50-$' *:-' $,0' :#0+0-20' 6'+ 40' 2 -+2' *+' %2$'7'$8' 1,'2,' !0%5+' $,0' 1%8' $' $,0' -0E$'4: #$%-$' $,'-.'$';0' 5 -0' ,0' 0!'4'-%$' -' 6' *+0!0+' 4 7040-$+''-'1,'2,' %!' !0%#-'-.' 4%8' ;0' +%'5' $' 2 -+'+$' 6'-5+' '$+' 4 +$' 6%7 #%;!0' 2 -5'$' -' $' ;0''-'%5'+2#'4'-%9 $' -' 6' $, +0' 6%2$ #+' 1,'2,' %#0' 0++0-$'%!' %+' 2 -$#%+$05' 1'$,' $, +0' 1,'2,' %#0' *-0++0-$'%!' $' $,0' 0-5' $' ;0' %$$%'-05' ,0' +0#7'20+' 1,'2,' 2 -+2' *+-0++' +004' $' ,%70' :0#6 #405'-'$,0' '-506'-'$0!8' !-.'+0#'0+' 6' #.%-'2' 2,%-.0+' 2%!!05' 07 !*$' -' %+' 10!!' %+' $,0' 0E$#% #5'-%#8' 5070! :9 40-$'+$',%+'%$$%'-05''-'4%-'%!'30''-5'2%$0'+ 409 $,'-.' 6'$+'+*:#040'4: #$%-20';$,'%+'% 40%-+' %-5'%+'%-'0-5''-',*4%-'05*2%$' -' ,%$'$,0#0' %#0' 20#$%'-'402,%-'2%!'%-5':,8+' !.'2%!'+$%.0+' +0$*:',# *.,'+ 40'2 -+2' *+':# 20++0+'+!':'-.' '-$' $,0' ;%23.# *-5'%+' 0E:0#'0-20+' 4 70' 6 #9 1%#5' H%2U*'#05' #06!0E0+',%;'$+' %++ 2'%$' -F' +, 1+'+$'!!' 4 #0' 2 -2!*+'70!8' $,0' 20-$#%!' :+'9 $' -' 1,'2,'2 -+2' *+-0++' 22*:'0+''-'05*2%$' -

06O#0-20+' /

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10#0' 4*2,'%!'30' %2,',%5'+4%!!'2,0%:';*'!59
'-.+': #'0U*':40-$'%-5':#%2$'2%!!8' -' $0%2,9
'-.'%::%#%$*+' %2,'5#01''$+' $0%2,0#+' 6# 4'
$,0'+%40'+ *#20'%-5':%'5'$,04';*'$'$,0'+%40'
+%!%#'0+' #%'-05'$0%2,0#+'+3'!!05'+*:0#7'+' -'
$0%2,'-.'0U*':40-$'+:02'%!'-+$#*2$' -'%-'0-9
#'2,05'2*##'2*!*4'$,0+0'%-5' $,0#'$,'-.+'1'$,'
1,'2,'10'%#0' -1'+'6%4'!'%#' 10#0':#%2$'2%!!8

:ʼ'-ʼ%-8ʼ $,0# +$%$0ʻ *-$'!ʼ>))Pʼ 1,0-ʼ$,0ʻ -9 -02$'2$!0.'+!%$*#0ʻ 6'#+$ %*$, #'G05ʼ $,0ʻ 2 -+ !9 '5%$' -ʼ 6ʼ 5'+$#'2$+ʼ ,0ʻ -0Eʼ !0.'+!%$' -ʼ 1%+ʼ'-ʼ >)PJʼ 1,0-ʼ --02$'2*ʼ %*$, #'G05ʼ $,0ʻ0E:0-59 '$*#0ʻ 6ʼ 6*-5+ʼ 6 # $#%-+: #$%$' -ʼ %-5ʼ %'-0ʻ %*$, #'G05ʼ $,0ʻ 2 -+ !'5%$' -ʼ 6ʼ +2, !+ʼ , 50ʻ +!%-5ʼ %-5ʼ 01ʼ %4:+,'#0ʻ 6 !! 105ʼ'-ʼ>)P)ʼ %-5ʼ 0#4 -$'-ʼ>PKNʼ 0--+8!7%-'%*$, #'G05ʼ $,0ʻ 0E:0-5'$*#0ʻ 6ʼ +2, !ʼ 4 -08ʼ 6 # $#%-+9 : #$%$' -ʼ'-ʼ>)PLʼ %-5ʼ $,0ʻ 2 -+ !'5%$' -ʼ 6ʼ +2, !+ʼ'-ʼ >PK>ʼ ,ʼ 6'#+$ %*$, #'G05ʼ $,0ʻ 2 -+ !'5%$' -ʼ 6ʼ -0ʻ $ 1-+,':ʼ'-ʼ>)PMʻ :0#9 4'$$05ʼ 2 -+ !'5%$' -ʼ'-ʼ$,#00ʻ 2 *-$'0+ʼ'-ʼ>)POʼ %-5ʼ 4%50ʻ $,0ʻ!%1ʼ+$%$0?1'50ʻ'-ʼ>)P)ʼ -5'%-%ʻ 6'#+$ %*$, #'G05ʼ 2 -+ !'5%$' -ʼ %-5ʼ $#%-+: #$%9 $' -ʼ'-ʼ>)PPʼ -ʼ+ 40ʻ 6ʼ $,0+0ʻ +$%$0+ʼ ! 2%!ʼ +2, !ʼ %*$, #'$'0+ʼ,%5ʼ :#07' *+!8ʼ'-'$'%$05ʼ+*2,ʼ :!%-+ʼ1'$, *$+$%$0ʻ %*$, #'G%$' -

%#$!8ʼ5*0ʻ $ʼ $,0ʻ .#0%$0#ʻ 50-+'$8ʼ 6ʼ : :*!%9 $' -ʼ %-5ʼ :%#$!8ʼ 5*0ʻ $ʼ $,0ʻ !%#.0ʻ -*4;0#ʻ 6ʼ +4%!ʼ+2, !+ʼ:#07' *+!8ʼ 4%'-$%'-05ʼ$,0ʻ 4 709 40-$,%+ʼ 4%50ʻ 4*2,ʼ ,0%51%8ʼ'-ʼ$,0ʻ 01ʼ -.!%-5ʼ +$%$0+ʼ -ʼ %++%2,*+0$$+ʼ -ʼ 6'.*#0+ʼ %+ʼ $ʼ $,0ʻ 2 +$ʻ 6 # $#%-+: #$%$' -ʼ 10#0ʻ 30:$;06 #0ʻ>))Pʼ 1,0-ʼ$,0ʻ 80%#!8ʼ 0E:0-+0ʻ #0%2,05ʼ ^NN>>)ʼ 8ʼ>)PLʼ'$,%5ʼ 0E200505ʼ^>KK KKKʻ ;8ʼ >PKQʻ '$,%5ʼ 0E200505ʼ^NKK KKKʻ %-5ʼ%$:#0+0-$%4 *-$+ʼ$ʼ 2! +0ʻ -ʼ^JKK KKKʻ%80%#ʼ ,'+ʼ'+ʼ 0U*%!ʼ$ʼ%; *$ ʼ :0# 20-$ 6ʼ$,0ʻ$ %!ʼ 2 +$ 6ʼ$,0ʻ +2, !ʼ +8+$04ʼ 6ʼ$,0ʻ +$%$0ʼ -ʼ --02$'2*$)>ʼ 6ʼ$,0ʻ >0)ʼ$ 1-+ʼ,%5ʼ 2 -+ !'9 5%$05ʼ +2, !+ʼ %-5ʼ 10#0ʻ $%-+: #$'-ʼ:*:'!+ʼ ;8ʼ >PKPʼ%-5ʼ6# 4ʼ MQʻ $ʼ)Kʻ +2, !+ʼ%#0ʻ ;0'-ʼ 2! +05ʼ0%2,ʼ80%#ʼ ,0ʻ 2 +$ʻ 6 # $#%-+: #$%$' -ʼ ,0#0ʻ'+ʼ%; *$ʻ>:0# 20-$ 6ʼ$,0ʻ 2 +$ʻ 6ʼ$,0ʻ +8+9 $04ʼ -ʼ 0#4 -$%-5ʼ %'-0ʻ-0%#!8ʼM:0# 20-$ 6ʼ$,0ʻ$ $%!ʼ 2 +$ʻ 6ʼ$,0ʻ +2, !+ʼ'+ʼ0E:0-505ʼ6 # $,0ʻ $#%-+: #$%$' -ʼ 6ʼ:*:'!+ʼ 6# 4ʼ%;%-5 -05ʼ +2, !+ʼ 1-+ʼ'-ʼ , 50ʻ +!%-5ʼ%-5ʼ+2, !+ʼ '-ʼ 01ʼ(0#+08ʼ%#0ʻ.'70-ʼ%-ʼ%55'$' -%!ʼ%:: # :#'%9 $' -ʼ 0%2,ʼ80%#ʼ 6ʼ^NKK 6 # 070#8ʼ+2, !ʼ$,08ʼ ,%70ʻ %;%-5 -05ʼ'-ʼ$,0ʻ :# 20+ʼ 6ʼ6 #4'-.ʼ% 2 -+ !'5%$05ʼ +2, !ʼ 0--+8!7%-'%ʼ%-5ʼ 01ʼ #3ʼ ,%70ʻ %+ʼ 80$ 5 -0ʻ !'$$!0ʻ 1'$,ʼ$,0ʻ '50%ʼ $, *.,ʼ$,0ʻ : ++';'!'$'0+ʼ '-ʼ 0%2,ʼ +$%$0ʻ %#0ʻ !%#.0

0#,%:+ʼ$,0ʻ .#0%$0+$ʼ5070! :40-$ 6ʼ$,0ʻ:!%-ʼ ,%+ʼ ;00-ʼ'-ʼ$,0ʻ +$%$0+ʼ 6ʼ$,0ʻ #$,ʼ 0-$#%!ʼ '7'+'-ʼ %!ʼ 6ʼ 1,'2,ʼ 0E20:$!!'-'+ʼ ,%70ʻ !%1+ʼ:0#4'$$'-.ʼ$,0ʻ 6 #4%$'-ʼ 6ʼ2 -+ !'5%$05ʼ +2, !+ʼ%-5ʼ$,0ʻ $#%-+: #$%$' -ʼ 6ʼ:*:'!+ʼ !! -01ʼ!%1+ʼ0-%2$05ʼ'-ʼ$,'+ʼ.# *:ʼ 6ʼ+$%$0+ʼ,%70ʻ ;00-ʼ:%++05ʼ+'-20ʼ>)PMʼ -ʼ ,ʼ -5'%-%ʼ%-5ʼ 1%ʼ :0#,%:+ʼ $,0ʻ .#0%$0+$ʼ +*220++ʼ ,%+ʼ ;00-ʼ %$$%'-05ʼ%-5ʼ -5'%-%ʻ ,%+ʼ:# ;%;!8ʼ5 -0ʻ 4 #0ʻ 1'$,ʼ$,0ʻ :!%-ʼ$,%-ʼ %-8ʻ $,0#ʻ +$%$0ʻ '-ʼ $,0ʻ -'-ʼ ,0ʻ .#0%$ʼ +*220++ʼ 6ʼ $,0ʻ :!%-ʼ '-ʼ -5'%-%ʻ ,%+ʼ;00-ʼ'-ʼ.#0%$ʼ:%#$ 5*0ʻ $ʼ $,0ʻ %;9 +0-20ʻ 6ʼ$,0ʻ 5'+$#'2$ʼ +8+$04ʼ%-5ʼ$,0ʻ 2 -+09 U*0-$6#005 4ʼ6 #%-ʼ'-$0!!'.0-$$ 1-+,':ʼ 66'20#ʼ $ʼ .ʼ %,0%5ʼ%-5ʼ5ʼ1,%$ʼ *.,$ʼ$ʼ ;0ʻ5 -0ʻ -ʼ$,0ʻ$0-ʼ80%#+ʼ6# 4ʼ>)PPʼ1,0-ʼ$,0ʻ6'#+$!%1ʼ 1%+ʼ:%++05ʼ$ʼ >PKPʼ$,0ʻ -*4;0#ʻ 6ʼ+2, !+ʼ 6ʼ !0++ʼ$,%-ʼ$10-$8ʼ2,'!5#0-ʼ1%+ʼ#05*205ʼ6# 4ʼM>)Kʻ $ʼ >LQQʻ >0>>ʼ +4%!ʼ +2, !+ʼ 10#0ʻ%;%-5 -05< %-5ʼ 4 #0ʻ # !0++ʼ 2 4:!0$0ʻ 2 -+ !'5%$' -ʼ 1%+ʼ 06602$05ʼ'-ʼM)0ʻ 6ʼ$,0ʻ >K>Lʼ$ 1-+,':+ʼ'-ʼ$,0ʻ +$%$0ʼ #ʼ +$%$05ʼ;0$$0#ʼ'-ʼM)0ʻ 6ʼ$,0ʻQPQʼ$ 1-9 +,':+ʼ'-ʼ$,0ʻ +$%$0ʻ#0: #$'-.ʼ# %5+ʼ1,'2,ʼ1 *!5ʼ :0#4'$ʼ 6ʼ$,0ʻ 2 -+ !'5%$' -ʼ 6ʼ +2, !+ʼ :9 :# E'4%$0!8ʼNQ KKKʻ 2,'!5#0-ʼ%#0ʻ$#%-+: #$05ʼ$ʼ %-5ʼ6# 4ʼ+2, !ʼ0%2,ʼ5%8ʼ%$ʼ:*;!'2ʻ0E:0-+0ʼ%-5ʼ %; *$ʻ NQKKʻ :#'7%$0!8ʼ >>>0ʻ $#%-+: #$%$' -ʼ 1%. -+ʼ%#0ʻ *+05ʼ0%2,ʼ5%8ʼ%$ʼ%-ʼ%70#%.0ʻ2 +$ʻ 6ʼ^N KLʼ:0# 1%. -ʼ%-5ʼ%; *$ʻQKKʻ2,'!5#0-ʼ%#0ʻ $#%-+: #$05ʼ5%'!8ʼ-ʼ'-$0#*#;%-ʼ$# !!08ʼ2%#+ʼ '2,'.%-ʼ '+2 -+'-ʼ '--0+ $%ʼ%-5ʼ 09 ;#%+3%ʼ,%70ʻ%!+ʼ4%50ʻ +40ʻ. 5ʼ:# .#0++ʼ'-ʼ '-%*.*#%$'-.ʼ2 -+ !'5%$' -ʼ%-5ʼ$#%-+: #$%$' -ʼ %-5ʼ070#8ʼ $,0# +$%$0ʻ '-ʼ $,0ʻ 5'7'+' -ʼ 0E20:$ʼ !!'- '+ʼ,%+ʼ 4%50ʻ %ʼ ;0.'--'-.

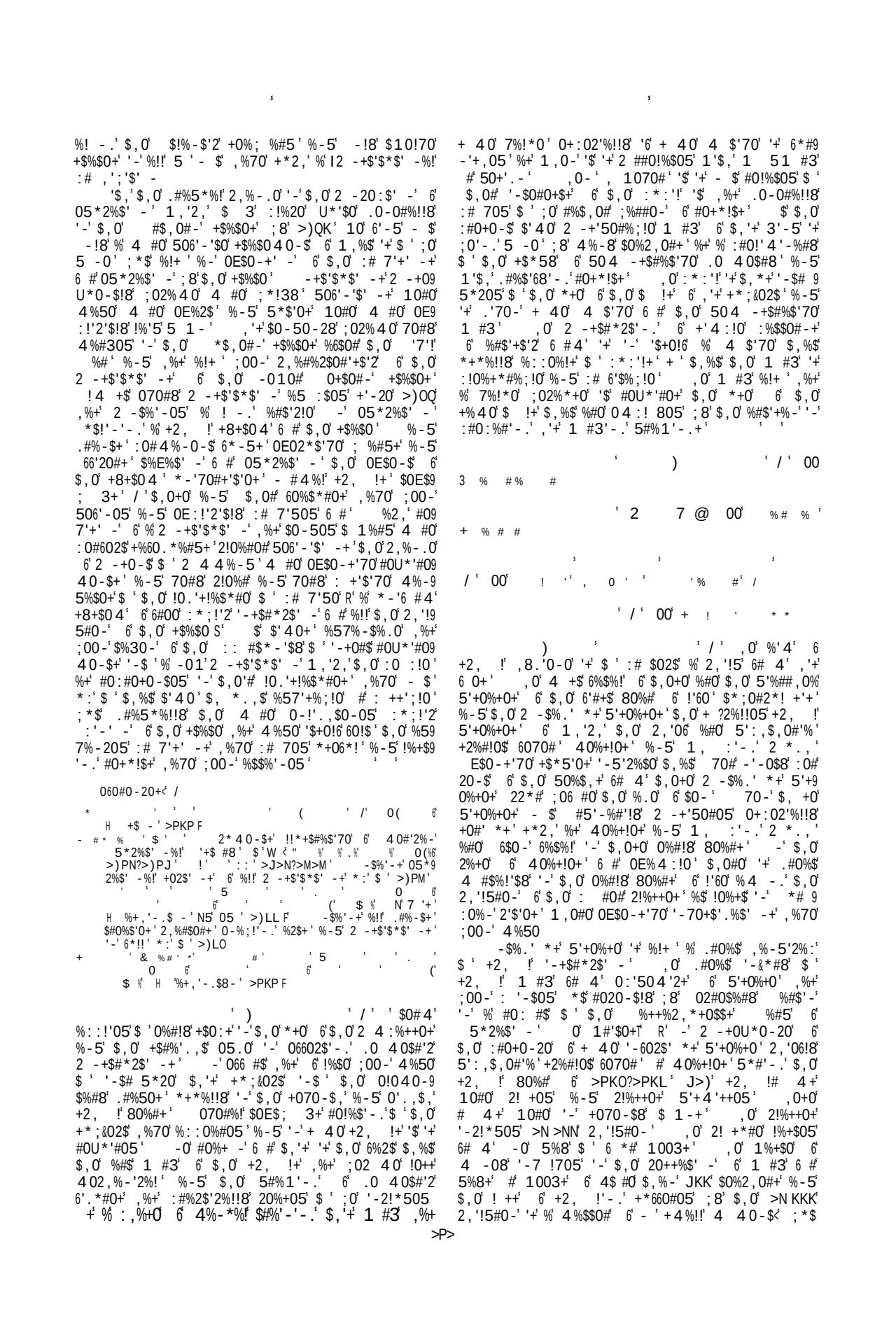
4 -.ʼ$,0ʻ *$,0#-ʼ +$%$0+ʼ +40ʻ 4%#305ʼ :# .#0++ʼ'-ʼ$,0ʻ 2 -+ !'5%$' -ʼ 6ʼ+4%!!ʼ%-5ʼ*-9 -020++%#8ʼ+2, !+ʼ,%+ʼ;00-ʼ06602$05ʼ+'-20ʻ >PKKʼ #$,ʼ %# !'-%ʼ 0#.'%ʼ !#'5%ʼ%-5ʼ *'+'9 %-%ʻ,%7'-.ʼ;00-ʼ4 +$ʻ2 -+:'2* *+ʼ'-ʼ$,0ʻ1 #3ʼ -ʼ$,0ʻ $,0# ,%-5ʼ-ʼ:# 7'+' -ʼ1,%$070# 6 # 2 -+ !'5%$' -ʼ # $#%-+: #$%$' -ʼ ,%+ʼ+ʼ6%# ;00-ʼ 4%50ʻ'-ʼ$,0ʻ!%1+ʼ'-ʼ6 *# $,0# *$,0#-ʼ+$%$0+ʼ ,0ʻ 2 *-$8ʼ +8+$04ʼ 6ʼ +2, !ʼ %54'-'+$#%$' -ʼ 1,'2,ʼ:#07%'!+ʼ'-ʼ 4 +$ʻ 6ʼ$,0ʻ *$,0#-ʼ+$%$0+ʼ 4%30+ʼ'$ʼ 0%+8ʼ$ʼ 06602$ʼ$,0ʻ 2 -+ !'5%$' -ʼ 6ʼ +4%!ʼ%-5ʼ*-:# 6'$%;!0ʻ +2, !+

-ʼ$,0ʻ +$%$0+ʼ 6ʼ$,0ʻ 0+$0#-ʼ '7'+' -ʼ!'$$!0ʻ ,%+ʼ;00-ʼ%22 4:!'+,05ʼ5*0ʻ!%#.0!8ʼ$ʼ$,0ʻ5'+9 $%-20+ʼ;0$100-ʼ+2, !+ʼ%-5ʼ$ʼ$,0ʻ+2%#2'$8ʼ 6ʼ:*!%$'-ʼ -ʼ6'70ʻ+$%$0+ʼ%-5ʼ$##'$#'0+ʼ-ʼ !%1+ʼ,%70ʻ;00-ʼ0-%2$05ʼ1,'!0ʻ'-ʼ$,0ʻ$,0#+$,0ʻ !%1+ʼ%#0ʻ 40#0!8ʼ:0#4'++'70ʻ%-5ʼ%#0ʻ#%$,0# 5'66'2*!$ʼ$ʼ:*$ʻ'-$ʼ :0#%$'-ʼ !!ʼ 0+$0#-ʼ '7'+'-ʼ!%1+ʼ-ʼ$,0ʻ+*;&02$ʼ,%70ʻ;00-ʼ0-%2$05ʼ +'-20ʻ >PKNʼ E20:$ʼ'-ʼ% 601ʼ#%$,0# 10!!?ʼ :*!%$05ʼ:#$'-+ʼ 6ʼ+ 40ʻ 6ʼ$,0ʻ 0+$0#-ʼ +$%$0+ʼ$,0ʻ-005ʼ'+ʼ6 # 4 #0ʻ#%$,0# $,%-ʼ6 # 60 10# 5'+$#'2$+

!! 6 #4+ʼ 6ʼ $#%-+: #$%$' -ʼ %#0ʻ 04:! 805ʼ ,0ʻ --02$'2*$+2, !ʼ#0: #$+ʼ!'+$ʼ$,0ʻ5'660#0-$ 40%-+ʼ04:! 805ʼ'-ʼ --02$'2*$ʼ $,0ʻ -*4;0# $#%-+: #$05ʼ;8ʼ0%2,ʼ%-5ʼ$,0ʻ5%'!8ʼ%-5ʼ$ $%!ʼ 2 +$ʼ #%-+: #$%$' -ʼ1%. -+ʼ+$0%4ʼ%-5ʼ0!029 $#'2ʼ2%#+ʼ;*$2,0# %-5ʼ4'!3ʻ1%. -+ʼ%-5ʼ%!! 19 %-20+ʼ6ʼ4 -08ʼ$ʼ:%#0-$+ʼ%#0ʻ04:! 805ʼ ,0ʻ +%40ʻ'+ʼ$#*0ʻ6ʼ%!!ʼ6ʼ 01ʼ -.!%-6!ʼ -ʼ ,ʼ %-5ʼ -5'%-%ʻ10ʻ ,%70ʻ$,0ʻ ;0+$ʻ0E%4:!0+ʼ6ʼ% 10!!ʼ1 #305? *$ʻ:!%-ʼ6ʼ$#%-+: #$%$' -ʼ1'$,ʼ% +:02'%!ʼ $8:0ʻ6ʼ +2, !ʼ$#%-+: #$%$' -ʼ1%. -ʼ 506'-'$0ʼ # *$0+ʼ 80%#!8ʼ2 4:0$'$'70ʻ ;'5+ʼ%-5ʼ 1#'$$0-ʼ2 -$#%2$+ʼ 5#'70#+ʼ%2$'-.ʼ%+ʼ $#*%-$ 66'20#+ʼ%-5ʼ*-50#ʼ ;-5+ʼ6 # $,0ʻ6%'$,6*!ʼ:0#9 6#4%-20ʻ 6ʼ$,0ʻ'# 2 -$#%2$+ʼ%-5ʼ6 # $,0ʻ:# :0# 2%#0ʻ 6ʼ$,0ʻ2,'!5#0-ʼ0$2ʼ ,0ʻ2 +$ʻ 6ʼ$#%-+: #9 $%$' -ʼ'+ʼ #0!%$'70!8ʼ +4%!!ʼ%-5ʼ*+*%!!8ʼ 70#8ʼ 4%$0#'%!ʼ.%'-+ʼ'-ʼ 4 -08ʼ%+ʼ 10!!ʼ%+ʼ'-ʼ05*2%9 $'-%!ʼ 066'2'0-28ʼ %#0ʻ 4%50ʻ ;8ʼ2 -+ !'5%$'-.ʼ +2, !+ʼ%-5ʼ$#%-+: #$'-.ʼ$,0ʻ :*:'!+ʼ -ʼ -9 5'%-%ʼ$,0ʻ%70#%.0ʻ2 +$ʻ:0# 1%. -ʼ:0# 5%8ʼ'+ʼ ^N KLʼ1,'2,ʼ'+ʼ 0U*%!ʼ$ʼ 0!070-ʼ 20-$+ʼ:0# :*:'!ʼ :0# 5%8ʼ # ^>J NKʻ :0# 80%# 6 # %ʼ +'E 4 -$,+ʼ +2, !ʼ -ʼ --02$'2*$ʼ%-5ʼ 0#4 -$ʼ$,0ʻ2 +$ʻ 7%#'0+ʼ6# 4ʼ80%# $ʼ 80%#ʼ ;*$ʼ %70#%.0+ʼ%; *$ >))

, #ʻ '% #% ʻ o # 5ʻ 9
5%8ʻ $,0ʻ #'.,$ $ ʻ %ʻ 6*!!ʻ %-5ʻ 2 4 :!0$0ʻ 05*2%$' -ʻ
%$:*;!'2ʻ 0E:0-+0ʻ 4%8ʻ ;0ʻ #0.%#505ʻ %+ʻ %ʻ +0$$!05ʻ
2 -7'2$' -ʻ 6ʻ *#ʻ :0 :!0ʻ %-5ʻ 05*2%$' -ʻ ,%+ʻ
;02 40ʻ $?5%8ʻ -0ʻ 6ʻ $,0ʻ .#0%$0+$ʻ '-$0#0+$+ʻ 6ʻ
$,0ʻ +$%$0+ʻ %-5ʻ 6ʻ $,0ʻ -%$' -
-ʻ %8ʻ >LLOʻ $,0ʻ -$'-0-$%!ʻ -.#0+ʻ
#02 4 4 0-505ʻ $,%$ʻ $,0ʻ +$%$0+ʻ 1,0#0ʻ $,0ʻ 0E'+$9
'-.ʻ. 70#-40-$+ʻ 10#0ʻ - $ʻ +*66'2'0-$ʻ Rʻ %5 :$ʻ
+*2,ʻ. 70#-40-$ʻ %+ʻ+,%!!ʻ'-ʻ $,0ʻ :'-' -ʻ 6ʻ $,0ʻ
#0:#0+0-$%$'70+ʻ 6ʻ $,0ʻ :0 :!0ʻ;0+$ 2 -5*20ʻ $ʻ
$,0ʻ ,%::'-0+ʻ %-5ʻ +%60$8ʻ 6ʻ $,0'# 2 -+$'$*0-$+ʻ
'-ʻ :%#$'2*!%# %-5ʻ 40#'2%ʻ '-ʻ .0-0#%! Sʻ !!ʻ 6ʻ
$,0ʻ +$%$0+ʻ 0E20:$ --02$'2*$ %-5ʻ , 50ʻ +9
!%-5ʻ 1,'2,ʻ 2 -+'50#05ʻ $,0'# 2 ! -'%!ʻ 2,%#$0#+ʻ
++66'2'0-$ʻ 5#01ʻ *:ʻ %-5ʻ %5 :$05ʻ 4 #0ʻ # !0++ʻ
:0#602$!8ʻ 1 #305ʻ *$ʻ 2 -+$'$*$' -+ʻ +$ʻ
6ʻ $,0ʻ +$%$0+ʻ #07'+05ʻ $,0'# 2 -+$'$*$' -+ʻ %$ʻ $,0ʻ
$'40ʻ 6ʻ 0-$0#'-.ʻ $,0ʻ -' -ʻ %-5ʻ %ʻ -*4;0#
%40-505ʻ $,0'# 2 -+$'$*$' -+ʻ -0ʻ # 4 #0ʻ $'40+ʻ
5*#'-.ʻ $,0ʻ 6'#+$ $1ʻ # $,#00ʻ 502%50+ʻ 6ʻ $,0'#
-%$' -%!ʻ !'60ʻ ,#00ʻ -01ʻ +$%$0+ʻ 0#4 -$ʻ '-ʻ
>LP>ʻ 0-$*238ʻ '-ʻ >LPNʻ %-5ʻ 0--0++00ʻ '-ʻ
>LPOʻ 0-$0#05ʻ $,0ʻ -' -ʻ ;06 #0ʻ >)KKʻ %-5ʻ !'309
1'+0ʻ 6#%4 05ʻ 2 -+$'$*$' -+ʻ *#'-.ʻ $,0ʻ -0E$
6'6$8ʻ 80%#+ʻ 6'6$00-ʻ %55'$' -%!ʻ +$%$0+ʻ 10#0ʻ %59
4'$$05ʻ $ʻ $,0ʻ -' -ʻ %-5ʻ $,0+0ʻ '-2!*505ʻ 070#8ʻ
+$%$0ʻ 0%+$ʻ 6ʻ $,0ʻ '++'++':ʻ '70# %-5ʻ %!!ʻ 6ʻ
$,0ʻ +$%$0+ʻ '-ʻ $,0ʻ 6'#+$ $'0#ʻ 10+$ʻ 6ʻ $,0ʻ #'70#
0E20:$ '--0+ $%
-ʻ %-%!8+'+ʻ 6ʻ $,0ʻ :# 7'+' -+ʻ 2 -$%'-05ʻ '-ʻ
$,0+0ʻ 0%#!8ʻ 2 -+$'$*$' -%!ʻ :# 7'+' -+ʻ #070%!+ʻ
4*2,ʻ%+ʻ $ʻ $,0ʻ 600!'-.ʻ %$ʻ $,%$ʻ $'40ʻ $ 1%#5ʻ 05*9
2%$' -ʻ %+ʻ %-ʻ '-$0#0+$ʻ 6ʻ $,0ʻ +$%$0ʻ 070-ʻ 6ʻ $,0ʻ
6'#+$ 2 -+$'$*$' -+ʻ '-ʻ $,0ʻ 0!070-ʻ #'.'-%!ʻ +$%$0+ʻ
6#%4'-.ʻ $,04ʻ 4%50ʻ -ʻ 40-$' -ʻ 6ʻ $,0ʻ +*;&02$ʻ
0 #.'% %*$, #'G05ʻ '$+ʻ !0.'+!%$*#0+ʻ $ʻ 0+$%;!'+,ʻ
+2, !+ʻ %22 #5'-.ʻ $ʻ '$+ʻ 5'+2#0$' -ʻ 0--+8!9
7%-'% %-5ʻ #$,ʻ %# !'-% 5'#02$05ʻ $,0'# !0.'+9
!%$*#0+ʻ $ʻ 0+$%;!'+,ʻ +2, !+ʻ '-ʻ 1,'2,ʻ $,0ʻ 4%+9
$0#+ʻ 1'-.ʻ $ʻ +*;+'5'0+ʻ +, *!5ʻ Rʻ '-+$#*2$ %$
! 1ʻ :#'20+ Sʻ %++%2,*+0$$+ʻ 4%50ʻ 2%#06*!ʻ :# 9
7'+' -ʻ6 #$,0ʻ +%60$8ʻ %-5ʻ :0#:0$*'$8ʻ 6ʻ %#7%#5ʻ
!!0.0ʻ %-5ʻ %5505ʻ % .0-0#%!ʻ +02$' -ʻ -ʻ $,0ʻ
0-2 *#%.040-$ʻ 6ʻ !0%#-'-.ʻ 1,'2,ʻ,%+ʻ #04%'-05ʻ
*-2,%-.05ʻ 070#+'-20ʻ ,0-ʻ 01ʻ %4:9
+,'#0ʻ 1%+ʻ %54 '$$05ʻ %+ʻ %+0:%#%$0ʻ+$%$0ʻ'$2:'05ʻ
$,0ʻ %++%2,*+0$$+ʻ .0-0#%!ʻ +02$' -ʻ 0--+8!9
7%-'%'-ʻ '$+ʻ+02 -5ʻ2 -+$'$*$' -ʻ 6ʻ >LPKʻ 4%50ʻ
:# 7'+' -ʻ6 #$,0ʻ #.%-'G%$' -ʻ 6ʻ2,%#'$8ʻ+2, !+ʻ
'-ʻ$,0ʻ+$%$0ʻ -ʻ+ 40ʻ 6ʻ$,0ʻ+$%$0+ʻ$,0ʻ6'#+$ʻ2 -9
+$'$*$' -%!ʻ 40-$' -ʻ 6ʻ 05*2%$' -ʻ5 0+ʻ- $ʻ 22*#
*-$'!ʻ 10!!ʻ %! -.ʻ$ 1%#5ʻ$,0ʻ4'55!0ʻ 6ʻ$,0ʻ-'-09
$00-$,ʻ 20-$*#8ʻ%-5ʻ'-ʻ 4 +$ʻ 6ʻ$,0ʻ *$,0#-ʻ
+$%$0+ʻ -ʻ 506'-'$0ʻ :# 7'+' -ʻ 6 #ʻ % +8+$04ʻ 6ʻ
05*2%$' -ʻ 1%+ʻ 4%50ʻ *-$'!ʻ %6$0#ʻ $,0ʻ '7'!ʻ %#
,0ʻ2 -+$'$*$' -+ʻ 6ʻ$,0ʻ 01ʻ -.!%-5ʻ+$%$0+ʻ
,%70ʻ;00-ʻ2,%-.05ʻ;*$ʻ!'$$!0ʻ%-5ʻ%#0ʻ#0:#0+0-$9
%$'70ʻ %!'30ʻ 6ʻ $,0ʻ 0%#!'0#ʻ 2 -5'$' -+ʻ %-5ʻ $,0ʻ
0%#!'0#ʻ$,0 #8ʻ 6ʻ. 70#-40-$ʻ ,0ʻ05*2%$' -%!ʻ
:# 7'+' -+ʻ '-ʻ $,0ʻ 2 -+$'$*$' -+ʻ 6ʻ --02$'2*$ʻ
%++%2,*+0$$+ʻ %-5ʻ 01ʻ %4:+,'#0ʻ6 #ʻ 0E9
%4:!0ʻ %#0ʻ +'4:!0ʻ %-5ʻ '-506'-'$0ʻ '$$!0ʻ 1%+ʻ
:*$ʻ'-$ʻ $,0ʻ2 -+$'$*$' -+ʻ '-ʻ $,'+ʻ 0%#!'0#ʻ $'40ʻ
%-5ʻ 4*2,ʻ 1%+ʻ !06$ʻ $ʻ $,0ʻ !0.'+!%$*#0ʻ $ʻ 50$0#9
4'-0ʻ +ʻ $'40ʻ #070%!05ʻ $,0ʻ 50602$+ʻ '-ʻ $,0ʻ
0%#!'0#ʻ$,0 #8ʻ 6ʻ. 70#-40-$ʻ %-5ʻ %+ʻ $,0ʻ +*69
6#%.0ʻ 1%+ʻ 1'50-05ʻ $ʻ '-2!*50ʻ -*4;0#+ʻ 6ʻ #0!%9
$'70!8ʻ*-'-$0!!'.0-$ʻ7 $0#+ʻ 10ʻ6'-5ʻ$,0ʻ2 -+$'$*9
$' -+ʻ ;02 4'-.ʻ! -.0#ʻ%-5ʻ 4 #0ʻ0E:!'2'$,0ʻ
01ʻ #3ʻ2 -+$'$*$' -+ʻ 6ʻ>LL)ʻ>)NN>)MOʻ%-5ʻ
>)PMʻ%#0ʻ0E%4:!0+ʻ 6ʻ$,'+ʻ %2,ʻ'+!-.0#ʻ$,%-ʻ
$,%$ʻ:#0205'-.ʻ'$ʻ%-5ʻ1'$,ʻ#060#0-20ʻ$ʻ 05*2%9
$' -ʻ$,0ʻ2 -+$'$*$' -ʻ,%+ʻ2,%-.05ʻ6# 4ʻ - ʻ 40-9
$' -ʻ%$ʻ %!!ʻ$ʻ 70#8ʻ+:02'2ʻ2 44%-5+
,0ʻ 01ʻ #3ʻ2 -+$'$*$' -ʻ 6ʻ>LL)ʻ%-5ʻ$,0ʻ
%40-540-$+ʻ 6ʻ>)K>ʻ 4%50ʻ - ʻ 40-$' -ʻ 6ʻ
+2, !+ʻ #05*2%$' -ʻ ,0ʻ2 -+$'$*$' -ʻ 6ʻ>)NNʻ
40#0!8ʻ506'-05ʻ$,0ʻ2 44 -ʻ+2, !ʻ6*-5ʻ%-5ʻ
502!%#05ʻ$,%$ʻ$,0ʻ'-$0#0+$ʻ -ʻ'$+, *!5ʻ;0ʻ%:!'05ʻ
$ʻ $,0ʻ +*:: #$ʻ 6ʻ2 44 -ʻ+2, !+ʻ ,0ʻ2 -9
+$'$*$' -ʻ 6ʻ>)MOʻ502!%#05ʻ$,0ʻ2 44 -ʻ+2, !ʻ
6*-5ʻ$,0ʻ!'$0#%$*#0ʻ6*-5ʻ%-5ʻ$,0ʻ -'$05ʻ $%$0+ʻ
0:+'$ʻ6*-5ʻ$ʻ ;0ʻ'-7' !%$0ʻ6*-5+ʻ%-5ʻ506'9
-'$0!8ʻ%::# :#'%$05ʻ$,0ʻ'-2 40ʻ ,0ʻ2 -+$'$*9
$' -ʻ 6ʻ>)PM2 -$%'-05ʻ6 *#ʻ+02$' -ʻ -ʻ 05*2%?
2%$' -ʻ'-+$0%5ʻ 6ʻ -0ʻ ,0ʻ6'#+$+02$' -ʻ!%'5ʻ%
506'-'$0ʻ4%-5%$0ʻ -ʻ$,0ʻ!0.'+!%$*#0ʻ$ʻRʻ:# 7'50ʻ
6 #ʻ$,0ʻ4%'-$0-%-20ʻ%-5ʻ+*:: #$ʻ 6ʻ% +8+$04ʻ
6ʻ6#00ʻ2 44 -ʻ+2, !+ʻS'$,# *., *$ʻ$,0ʻ+$%$0<
$,0ʻ+02 -5ʻ2 -$'-*05ʻ$,0ʻ %#5ʻ 6ʻ 0.0-$+ʻ 6ʻ
$,0ʻ -'70#+'$8ʻ 6ʻ$,0ʻ $%$0ʻ 6ʻ 01ʻ #3ʻ;*$
+*;&02$05ʻ$,04ʻ%-5ʻ$,0'# 1 #3ʻ$ʻ$,0ʻ2 -$# !ʻ
6ʻ$,0ʻ!0.'+!%$*#0<ʻ$,0ʻ$,'#5ʻ#0:# 5*205ʻ$,005*9
2%$' -%!ʻ +02$' -ʻ 6ʻ$,0ʻ2 -+$'$*$' -ʻ 6ʻ>)MOʻ
1'$,ʻ #060#0-20ʻ$ʻ$,0ʻ05*2%$' -%!ʻ 6*-5+ʻ%-5ʻ
$,0'# *+0<ʻ%-5ʻ$,0ʻ6 *#$,ʻ6#;%50ʻ$,0ʻ *+0ʻ 6ʻ
:*;!'2ʻ6*-5+ʻ$ʻ'%'5ʻ+02$%#'%-ʻ #50- 4'-%$' -%!ʻ
+2, !+

+ʻ$,0ʻ!%-5?.#%-$ʻ:!'28ʻ 6ʻ$,0ʻ-%$' -%!ʻ. 79
0#-40-$ʻ;0.%-ʻ$ʻ'-6!*0-20ʻ%-5ʻ+$'4*!%$0ʻ05*9
2%$' -%!ʻ5070! :40-$ʻ10ʻ6'-5ʻ$,0ʻ:0 :!0ʻ$,# 19
'-.ʻ4 #0ʻ%-5ʻ4 #0ʻ2%#06*!!8ʻ507'+05ʻ+%60.*%#5+ʻ
%# *-5ʻ$,0+0ʻ0-5 140-$+ʻ$ʻ:#070-$ʻ$,0'# ! ++ʻ
#4'+%:# :#'%$ʻ -ʻ ,'ʻ '+ʻ $,0ʻ 6'#+$ʻ +$%$0ʻ
H>)KNFʻ $ʻ +, 1ʻ $,'+ʻ '-ʻ '$+ʻ 2 -+$'$*$' -ʻ -ʻ
4%-8ʻ 6ʻ $,0ʻ 0%#!'0# 2 -+$'$*$' -+ʻ '-ʻ $,0ʻ !%-57
.#%-$ʻ+$%$0+ʻ$,0ʻ%#$'2!0ʻ -ʻ05*2%$' -ʻ2 -$%'-05ʻ
!'$$!0ʻ #-$,'-.ʻ0!+0ʻ$,%-ʻ+*2,ʻ+%60.*%#5+ʻ ,0ʻ
504%-56 #$,0ʻ5'7'+' -ʻ 6ʻ$,0ʻ+2, !6*-5+ʻ%-5ʻ
+$%$0ʻ %'5ʻ %-5ʻ +*:: #$ʻ 6 #:%# 2,'%!ʻ +2, !+ʻ
4%50ʻ;8ʻ$,0ʻ %$, !'2+ʻ %6$0#ʻ$,0ʻ-01ʻ2'8$ʻ%-5ʻ
+$%$0ʻ+2, !ʻ+8+$04ʻ;0.%-ʻ$ʻ%++*40ʻ:# : #9
$' -ʻ%-5ʻ$ʻ 0E0#$ʻ%-ʻ '-6!*0-20ʻ1,'2,ʻ070#89
1,0#0ʻ40$1'$,ʻ6%'!*#0ʻ%6$0#ʻ>)MKʻ#0+*!$05ʻ6'#+$
'-ʻ!%1+ʻ%-5ʻ!%$0#ʻ'-ʻ2 -+$'$*$' -%!ʻ:# ,';'$' -+ʻ
6 #;'55'-.ʻ$,0ʻ5'70#+' -ʻ 6ʻ:*;!'2ʻ+2, !ʻ6*-5+ʻ
#$,0ʻ%:#:#'%$' -ʻ 6ʻ4 -08'-ʻ%'5ʻ 6ʻ%-8':#'9
7%$0ʻ +02$%#'%-ʻ #50- 4'-%$' -%!ʻ $0%2,'-.ʻ'-ʻ
$,0ʻ :*;!'2ʻ +2, !+ʻ H 00ʻ % ʻ % ʻ , ʻ ʻ
, * 5ʻ ,0ʻ6'#+$+$%$0ʻ$ʻ'-+0#$+*2,ʻ%:# ,';'9
$' -ʻ 1%+ʻ 01ʻ(0#+08ʻ>)MMʻ%-5ʻ+'-20ʻ>)OQʻ
%!4 +$ 070#8ʻ+$%$0ʻ%54'$$05ʻ$ʻ$,0ʻ -' -ʻ #
1,'2,ʻ,%+ʻ#07'+05ʻ'$+ʻ2 -+$'$*$' -ʻ,%+ʻ'-2!*505ʻ
+*2,ʻ%ʻ:# 7'+' -<ʻ !!'- '+ʻ'-ʻ >)LKʻ%5505ʻ%-ʻ
0!%;#%$0ʻ%-5ʻ% 70#8ʻ+$#'-.0-$ʻ:# 7'+' -ʻ:# 9
,';'$'-.ʻ+*2,ʻ%'5ʻ #$,0ʻ'-$# 5*2$' -ʻ 6ʻ +029
$%#'%-ʻ'-+$#*2$' -ʻ%-5ʻ$,'+ʻ,%+ʻ;00-ʻ2 :'05ʻ;8ʻ
'++ *#'ʻ -$%-%ʻ%-5ʻ 5%, ʻ -0ʻ+$%$0ʻ10+$
6ʻ$,0ʻ '++'++':ʻ '70#ʻ$,#00ʻ+$%$0+ʻ- $'! 2%$05



1,%$ 10 4%8 #0%5 '-$,0 +$%$'+$'2+ 6 5'+0%+0+ %-5 50602$+ - $ -*40# *+ # +0#' *+ 0- *.,
$ 2%*+0 $,0 2! +*#0 6 $,0 +2, ! '+ 6 4*2,
.#0%$0# 4 40-$S , *+ ,0#0 %+ 0!+01,0#0 '$
'+ 6 # $,0 '-$0#0+$ 6 $,0 +2, ! $ 4%30 %509
U*%$0 :# 7'+' -6 # $,0 ,8.'0-0 62,'!5, 5
,0 ,0%!$, 6 2,'!5#0- '+ 50$0#4'-05 !%#.0!8
;8 $,#00 6%2$ #+ ,0#05'$8 $,0 , 40 %-5 $,0
+2, ! ,'!0 $,0 6'#+$ $1 6 $,0+0 6%2$ #+
2%-- $;0 2 -$# !!05 ;8 $,0 2 44*-'$8 $,0
$,'#5 6%2$ # $,0 +2, ! 2%- ;0 #0.*!%$05 '-
$,0 '-$0#0+$+ 6 ,0%!$, , *+ $,0 +2, !
1,0#0 :#%2$'2%!!8 %!! 6 $,0 2,'!5#0- 6 $,0
2 44*-'$8 %#0 ;# *.,$ $ .0$,0# 660#+ %
4 +$ 6%7 #%;!0 :: #$*-'$8 6 # 2 -$# !!'-
%-5 %70#$'-. 5'+0%+0 %-5 - $,0 $,0# ,%-5
% 4 +$ 5%-.0# *+ 20-$0# 6 # $,0 +:#0%5 6
5'+0%+0 ,%$ $,0 +2, ! '+ %- '4: #$%-$
6%2$ # '- +:#0%5'-. 2 -$%.' *+ 5'+0%+0+ ,%+
;00- +, 1- - $ -!8 ;8 070#85%8 0E:0#'0-20
;*$ %!+ ;8 $,0 #0+*!$+ 6 +:02'%! '-70+$'.%$' -
0+' 6 # 0E%4:!0 ! -. %. 6 *-5 5*#'-.
$,0 $,#00 U*%#$0#+ 6 $,0 80%# 1,0- $,0 +2, !
1%+ '- +0++' - MMKK 2%+0+ 6 40%+!0+ :0#
4 -$, ;*$ 6 # $,0 7%2%$' - 4 -$, 6 *.*+$
-!8 L)K 2%+0+ 6 # $,0 4 -$, 6 0:$04;0#
$,0 6'#+$ 6 $,0 +2, ! 80%# -!8 OJP %-5 -!8
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6 7%2%$' - -!8 JKQM 2%+0+ 1,'!0 6 # $,0 6'#+$
U*%#$0# 6 $,0 80%# $,0#0 10#0 >>)OQ 6 # $,0
+02 -5 >J JQ) 6 # $,0 $,'#5 >J >ML -
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-*4;0# 6 2%+0+ 1%+ %!$0#05 2 ##0+: -5'-.!8
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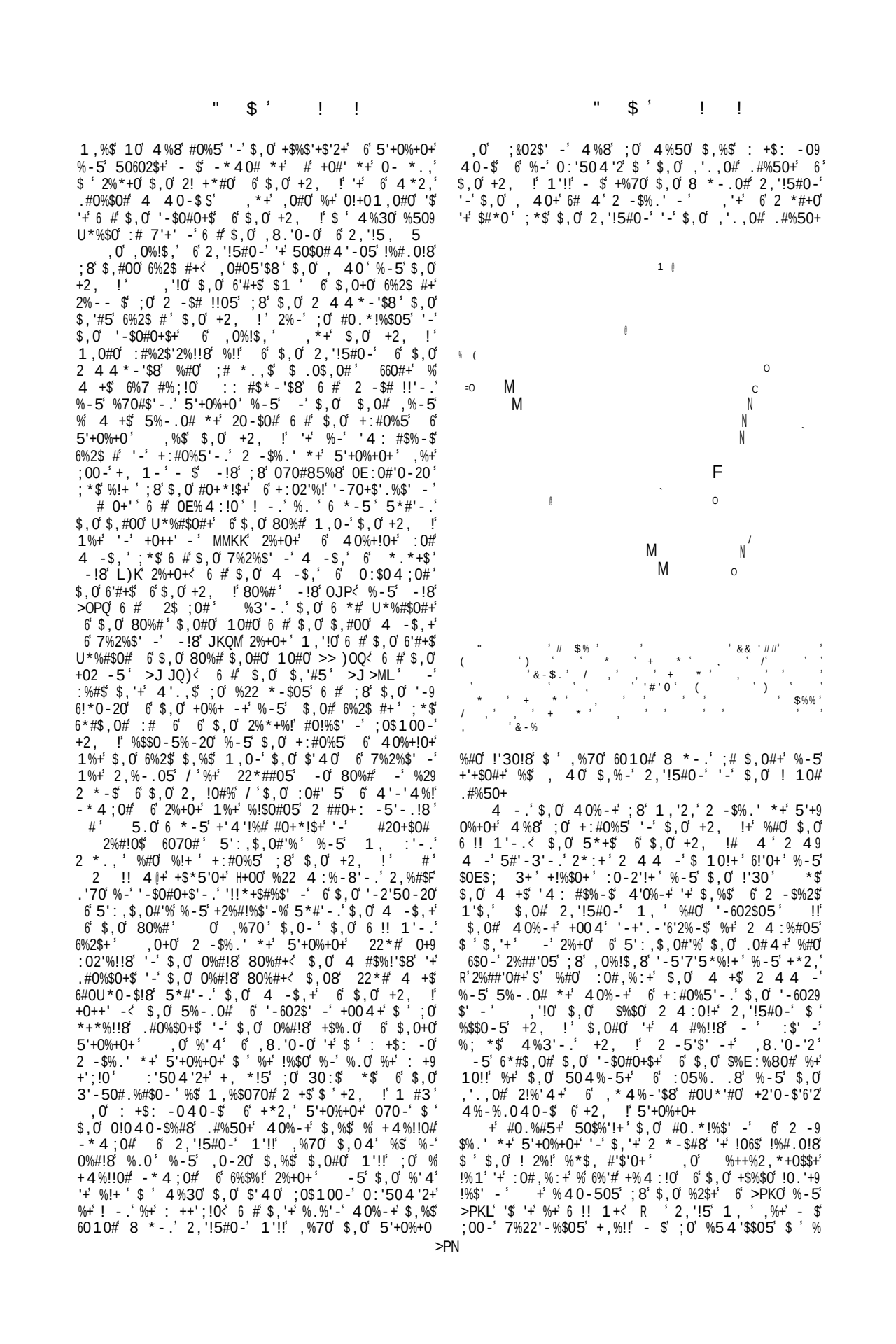

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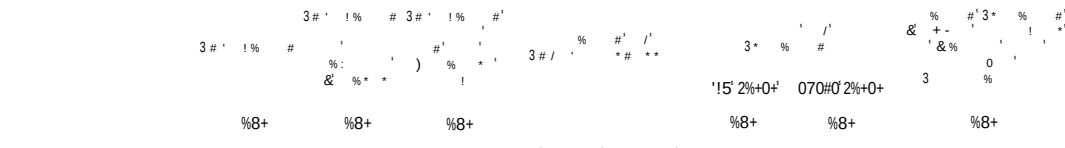

-' #50# $ ' 2 -$# ! 2 -$%.' *+ 5'+0%+0+ 405'2%! '- +: 02$' - $, 0 +0#7'20+ 6 +2, ! - *#+0+ %-5 $, 0 2 : 0#%$' - 6 $0%2, 0#+ %#0 %!! #09 U*'#05 , 0 +2, ! : , 8+'2'%- + , *!5 7'+'$ $, 0 +2, !+ 5%'!8 6 # $, 0 50$02$' - 6 2 -9 $%.' *+ 5'+0%+0+ +2, ! - *#+0+ , *!5 6 !! 1 *: $, 0+0 2%+0+ '- $, 0 , 40 %-5 $0%2, 0#+ +, *!5 ; 0 $#%'-05 $ 50$02$ $, 0 +84 : $ 4 6 +*2, 5'+0%+0+ '- $, 0'# '-2': '0-$ +$%.0 # 0##4%- , %+ 6 #4*!%$05 $, 0 6 !! 1'- . , 0! : 6*! !'+$ 6 +*. .0+$' - + $ $0%2, 0#+ #0. %#5'- . 405'9 2%! '- +: 02$' - R !0%+0 +0-5 $ $, 0 405'2%! '- +: 02$ # H>F *: '!+ 1, +, 1 %-8 +84 : $ 4+

?' 2%#!0$ 6070# 7 4'$'- . 6!*+, 05 6%20 57%-205 2%+0+ # % 5'+2, %#. 0 6# 4 $, 0 - +0 # 0%#+ 0%+!0+ +-00G'- . 2 *. , #05-0++ 6 $, 0 '- -0# 2 #-0# 6 $, 0 080 +0-+'$'70-0++ $! '. , $ #*-9 - '- . 6 $, 0 - +0 ': , $, 0#'% + #0 $, # %$: ' 070- '6 +!'. , $, %#+09 -0++ % 2# *: 8 2 *. , '##'$%$'- . 5'+2, %#. 0 6# 4 $, 0 - +0 *4 : + : %'- '- 6# -$ 6 $, 0 0%# '- 0%$'- . # $%!3'- . +10!!'- '- 6# -$ 6 %-5 *-50# $, 0 0%# , : '- . 2 *. , % +: %+9 4 5'2 2 *. , '- 1, '2, '$, 0 2, '!5 +$#%'-+ , '4+0!6 %-5 $, 0 6%20 ; 02 40+ + 401, %$ #05 %$0#

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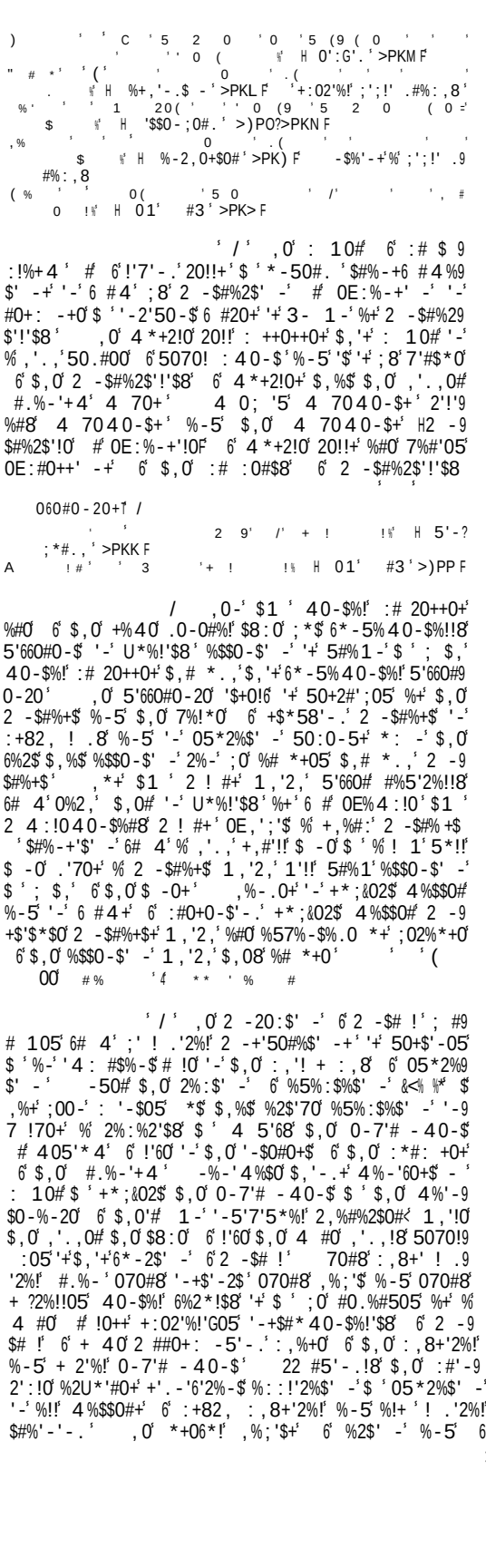
@ ,0$0#4 R -$'-*%$' - 2, ! S ,%+ #020-$!8 ;00-2 4'-.''-$ 7 .*0 $ 50+2#';0 2 4:#0,0-+'70!8 %-8 3'-5 6$#%'-'-. 1,'2,'+ %5%:$05 $:0 :!0

1 , %#0 %!#0%58 %$ 1 #3 50$%'!05 50+2#':9 $' - 6 7%#' *+ $8:0+ 6 2 -$'-*%$' -+2, !+ 1'!! ;0 6 *-5 *-50# $,0 $0#4+ # * 0 # # , * # 6 # , *4 3 # * % ' % #4 C # #2*' * %# * ** ' % # %-5 # o 6 * ; # * #4 %!+ +'-20 $,'+ 6 #4 6 05*9 2%$' - ,%5 '$+ #'.'-' -' 0#4%-8 %-5 ,%+ $?5%8 '$+ 4 +$ 0E$0-+'70 5070! :40-$'-$,%$ 2 *-$#8 %-5 -' -.!%-5 +:02'%!2 -+'50#%$' - 1'!! ;0 .'70-$ '$' -'$,0 %#$'2!0+ 507 $05 $ 05*9 2%$' -' -$, +0 2 *-$#'0+ ,0 0#4%-' 2 -$'-*%$' -+2, !+ %#0 6 $1 :#'-2':%! $8:0+ / .0-0#%! %-5 '-5*+$#'%! $,',%5 $,0'# ;0.'--'-.+ 4%-8 20-$*#'0+ %. '-$,0 %$$04 :$+ $:# 7'50 4 #0 %50U*%$0 '-9 +$#*2$' -'-' ,#'+$'%-5 2$#'-0 %-5'-'-5*+$#'%! +*;&02$+ 6 # 8 *-.:0 :!0 '-20 >)LK ; $, $8:0+ ,%70 5070! :05 #%:'5!8 %-5 $,0 .0-0#%! $#0-5 ,%+ ;00-' '-' 7'01 6 $,0 *-'70#+%! :#07%9 !0-20 6 2 4 :!*+ #8 .0-0#%! 05*2%$' - $ 4%30 $,04 #00-6 #20 '-5*+$#'%! $#%'-'-. -' >)P> %:0%#05 %-' 4 :0#'%! 502#00 4%3'-.'$ 2 4 :*!9 + #8 *: -04 :! 80#+ %-5 :%#0-$+ $ +0-5 $,0'# 2,'!5#0-$ 2 -$'-*%$' -+2, !+ 1,0#070# $,0+0 4'.,$;0 0+$%;!'+,05 ;8'$,0 $%$0 -!8 #%#0!8 5 0 $,0 '4:0#'%! . 70#-40-$ 6 0#4%-8 %$9 $04 :$ $ #0.*!%$0 05*2%$' - %-5 -%$*#%!!8$,'+ 502#00 ,%+ %$$#%2$05 1'50+:#0%5 %$$0-$' - %+ % #0+*!$ 6 '$ %$$0-5%-20 -2 -$'-*%$' -+2, !+ ,%+;02 40 ;!'.%$ #8 '-4%-8 6 $,0 +4%!!0# +$%$0+ 6 0#4%-8 %-5 '- :%#$+ 6 #*++'% ,0 $0-50-28 '+ $ '+*;+$'$*$0 6 # 2 -$'-*%$' - 1 #3 -' *-5%8 %-5 070-'-.+ +'E # 0'.,$, *#+ :0# 1003 6 $,0 5%8 :0#' 5 -' $,0 '-9 5*+$#'%! +2, !+ $,0#0 '+ %+ % #*!0 - 2 -2#0$0 # :#%2$'2%! $0%2,'-.'$,0 +$*5'0+;0'-.4%'-!8 6 % $02, -'2%! 2,%#%2$0# %-5 2 --02$'-.'#%$,0# '-$'4%$0!8 1'$,'$,0 :#%2$'2%! 1 #3 :*#+*05 ;8 $,0 %:: #0-$'20 5*#'-.'$,0 5%8 -' -.!%-5 2 -$'-*%$' -' 1 #3 ,%+ 6 *-5 '$+ 5070! :40-$'-% 70#8 0E$0-+'70 +8+$04 6 070-9 '-.+2, !+ 4 % %* % 2 -+'50#%;!0 -*4;0# 6 1'-2,'%70 ;00-' 50+'.-05 :#'4%#'!8 $ ' '70 % 6*#$,0#'-5*+$#'%! 05*2%$' - 6 8 *-.:0#+ -+ %!#0%58 04:! 805 ,0 -%$' -%! . 70#-40-$ %++'+$+ $,0+0 070-'-.+2, !+ ;8'.0-0# *+.#%-$+ ;*$-1,0#0 '+ %$$0-5%-20 ;!'.%$ #8 -'+ 40 2'$'0+ $,0 %$$04 :$'+ 4%50 $ ' ,%70 $,0 +%40 +$*9 50-$+ 507 $0 :%#$ 6 $,0'# $'40 $ ' $02, -'2%! +$*5'0+ :%#$ $ ' 2*!$*#%! :*#+*'$+ %-5 :%#$ $ ' :,8+'2%! 5#'!! %-5 #02#0%$' - ,0 $ $%! %$$0-59 %-20 '-$,0 2 -$'-*%$' -+2, !+ 6 -.!%-5 '+ 70#8 !%#.0;*$ 4%-8 6 $,0 2 -5'$' -+ %#0 *-9 +%$'+6%2$ #8 $$0-5%-20 '-$,0 070-'-.'1,0-' $,0 8 *$,+ %#0 $'#05 6%'!+ $ ' :# 7'50 $,0 #0U*'+'$0 0-0#.8 %-5 %!0#$-0++ 6 # $,0 !0%#-'-.'0+:02'%!!8 6 $,0 5'660#0-$ $02, -'2%! +;&02$+ 0%2,0#+ 2%-- $;0 $#%'-05 +:02'%!!8 6 # $,'+ 1 #3 %-5 +%$'+6%2$ #8 +* :0#7'+' - 6 '$ '+ 80$ 5'66'2*!$ -' 40#'2% %-' 0E$0-+'70 +8+$04 6 :*;!'2 070-'-.'+2, !' 05*2%$' -' '+ $ ' ;0 6 *-5 '-' $,0 !%#.0# 2'$'0+ #0!%$'70!8 !'$$!0 6 '$ '+ 6 %-' -'5*+9 $#'%! 2,%#%2$0# %+ 80$ ' ;*$ $,0 $0-50-28 '+ $ ' -9 2#0%+0 $,0 :: #$*-'$'0+ 6 # $02, -'2%! $#%'-'-.

-'+ 40 2'$'0+ 2 -$'-*%$' -' 05*2%$' -' '-' -.!'+,' 6 # 6 #0'.-0#+ ,%+ %$$%'-05 2 -+'50#%;!0 :# : #9 $' -+ -' % 60 1 2'$'0+ % 5'+$'-2$'70 $8:0 6 2*!9 $*#%! 1 #3 2 ##0+: -5'-.' $ $,%$ 6 *-5 '-' +029 -5%#8 +2, !+ ,%+ ;00-' 5070! :05 ;*$ '-' 60 1 2%+0+ ,%70 $,0 070-'-.',.,' +2, !+ 80$ +*29 200505 '-' 2 70#'-.'%!! 6 % #0.*!%# ,'.,' +2, ! 2 *#+0 .#0%$ 7%#'0$8 6 2 -$'-*%$' - 1 #3 '+ $;0 6 *-5 '-' 40#'2%-' 2'$'0+ *-50# #0!'.' *+ %-5 :,'!%-$,# :'2 %*+:'20+ 1'!! ;0 5'+9 2*++05 *-50# $,0 $:'2+ +*..0+$05 %; 70 ,0 :#0+0-$ $#0-5 6 :*;!'2 :'-' -' '-' %!! 2 *-$#'0+ ,%7'-.'2 -$'-*%$' - 1 #3 '+ $,%$ + 4*2, 6 +*2, 1 #3 %+ :#0+*:: +0+ ,%#5 1 #3 %-5 % +$%$0 6 40-$%! %!0#$-0++ H+*2, %+ $02, -'9 2%! !%-.*%.0 %-5 $,0# +$*5'0+ :*#+*05 6 # $,0 :*#: +0+ 6 5'+$'-2$ %2, '070 40-$ +, *!5 ;0 :!%205 '-' 5%8 #%$,0# $,%-' 070-'-.', *#+ %-5 $,%$ $,0 070-'-.' +2, !+ +, *!5 ;0 #0+0#705 6 # 1 #3 4 #0 5'+$'-2$!8 #602#0%$'70 '-' 2,%#%29 $0# 2*!$*#%! '-' $,0 +0-+0 $,%$ '$+ 066 02$+ 2%- ;0 #0%!'G05 1'$, *$ $.#0%$ 0E0#$' - -' $,0 :%#$ 6 $,0 +$*50-$ '-' $,0# 1 #5+ !02$*#0+ 4*+'2 5#%4%' %-5 .0-0#%!' '-6 #4%$' -' 2 *#+0 2%-' ;0 .'70-' '-' $,0 070-'-. %+ 10!! %+ +1'49 4'-. .84-%+$'2+ 4 '!'$%#8 5#'!! 5%-2'-. %-5 .%40 50+'.-05 6 #:,8+'2%! 5070! :40-$;*$ 5#%1'-. 4%$,04%$'2+ +2'0-20 02 - 4'2+ %-5 $,0 $,0# +$*5'0+ 50+'.-05 $:# 4 $0 066'9 2'0-28 6 #'-5*+$#'%! :*#: +0+ #$,0# +$*5'0+ !'30 ,'+$ #8 !'$0#%$*#0 %-5 +2'0-20 $%30-' 6 # 2*!$*#%! :*#: +0+ ;*$ 1'$,'$,0 %'4 6 +02*#'-.' % 5':! 4%' +, *!5 ;0 #0+0#705 $ 5%8 , *#+ ,'+.0-0#%!'G%$' - 6 2 *#+0 %::!'0+:#'4%#'!8 $ 8 *$,+ *-50# +070-$00- # 0'.,$00- 80%#+ 6 %.0 1, %#0 +$'!! :!%+$'2 '-' ; 5'!8 5070! :40-$ %-5 1, +0 -005 6 #0+$ '+ 2 -+'50#%;!0 # :0 :!0 ;08 -5 $,0+0 %.0+ 070-'-.+2, !+ 6 7%#' *+ $8:0+ 4%8 2 -$'-*0 $:# 7'50 $,0 -020++%#8 40%-+ 6 6*#$,0# $#%'-'-. # 2*!$*#0 $' $ 1'!! ;0 - $05 $,%$ $,0 :!%2'-.' 6 2 -$'-*%9 $' - 1 #3 5*#'-.'5%8 , *#+ 1'!! 4%30 '$:+9 +';!0 $ 5070! :' % +:02'%! $0%2,'-.' 6 #20 6 # '$ '-%+4*2,' %+ '$ 1 *!5 ;0 %##%-.05 $,%$ $,0 :*:'!+, *!5 %:0%#'-' #0!%8+ $,0 +%40 $0%2,0# 50%!'-.' 1'$, +*220++'70 .# *:+ '-' $,'+ 1%8 % +:02'%!'G05 $0%2,'-.' 6 #20 2 *!5 ;0 5070! :05 6 # $,0 ,%-5!'-.' 6 %-8 +:02'%! :,%+0 6 2 -9 $'-*%$' - 1 #3 ,0 %;70?40-$' -05 $0-50-2'0+ '-' 2 -$'-*%9 $' - 1 #3 1'!! #0U*'#0 $,0 2 :0#%$' - 6 049 :! 80#+ %-5 1'!! :# ;%;!8 504%-5 2 4:*!+ #8 !0.'+!%$' - ,0 ! .'2 6 $,0 +'$*%$' - '+ 2!0%# $ +$*50-$+ 6 05*2%$' - %-5 '$ '+ :# ;%;!8 $#*0 $,%$ 0#4%-8 ' -' $,'+ #0+:02$ '+ +'4 :8 %-$'2'9 :%$'-.' % 5070! :40-$ $,%$ 1'!! + - ;02 40 :#07%!0-$ 1,0#070# 2 -$'-*%$' - 1 #3 '+ 6 *-5 = 0 0 # ' * ' ' % # 4 0 # # ' , ' *4 3 # * % ' ' % # 0 6 0 # 0 0 - 20+ / # $,0 50$%'!05 !'+$ 6 #060#0-20+ +00 $:'2+ %; 70 40-$' -05 %* ' ' - ((' 0(' ' ' .(6 H -5 - ' >PKQF



:,%+0‘ 6‘5070! :40-$‘1,‘2,‘‘+‘+*:0#‘ #$‘,%;‘$‘ $‘#060#+‘$‘$,0‘6%2$‘$,%$‘%6$0#‘%,%;‘$‘,%+‘;00-‘ 6#4 05‘‘$+‘*+0‘‘-‘%.‘70-‘+‘$*%$‘-‘50:0-5+‘ *:-‘$,0‘‘-$0!!‘.0-$‘5‘#02$‘-‘6‘$,‘+‘,%;‘$‘ $1%#5‘2!0%#!8‘#02.-‘G05‘0-5+‘,*+‘-0‘4%8‘ ,%70‘%20#$%‘-‘,%;‘$‘6‘6%2‘%!‘0E:#0++‘-‘6‘ ‘-‘%55‘$‘-‘$‘$,0‘,%;‘$‘,0‘+‘%;!0‘$‘2-$#!‘$,0‘ 6%2‘%!‘0E:#0++‘-‘,0‘4%8‘04:!8‘$,0‘0E:#0++‘-‘ %$‘+*2,‘$‘40+‘%+‘+,%!!‘;0‘%57%-$%.0*+‘6#:*#:+0+‘6‘+2‘%!‘24 4*-‘2%$‘-‘%23‘6‘ 2-$#!‘+‘.-‘6‘0+‘%-‘‘-%;‘!‘$8‘$‘‘*$‘!‘G0‘%,%;‘$‘ ‘-$0!!‘.0-$!8‘,*+‘-0‘+‘-$‘%!1%8+‘%;!0‘$‘ 2-$#!‘,‘+‘$0-50-2‘0+‘$1%#5‘+*2,‘%6#4‘6‘0E9 :#0++‘-‘%+‘8%1-‘-.‘#+-00G‘-.‘,0‘5070! :9 40-$‘6‘2-$#!‘‘-‘2--02$‘-‘1‘$,‘$,0‘$#%‘-‘-.‘ 6‘,%;‘$+‘‘+‘6‘$,0‘,‘.,0+$‘‘4:#$%-20‘,0‘ 40#0‘$#%‘-‘-.‘6‘%-‘%*$4%$‘2‘4 7040-$‘4%8‘ ;0‘6‘#0!%$‘70!8‘!‘$$!0‘7%!*0‘6#4‘%-‘05*2%$‘-%!‘ :‘-$‘6‘7‘01‘;*$‘$,0‘5070! :40-$‘6‘2-$#!‘ +‘6‘$,0‘,‘.,0+$‘+‘.-‘6‘2%-20‘ ‘ ‘(

00‘ ‘ o 4 # #4 - %!

‘ ‘/‘,0‘$0#4‘R2-9 70-$S‘#‘.‘-%!!8‘#060##05‘$‘‘$,0‘!2%!‘#.%-‘G%9 $‘-‘#‘2 4 4*-‘$8‘%+‘5‘+$‘-.*‘+,05‘6#4‘$,0‘ ,*+0‘#$,0‘#50#<‘;8‘:‘:*!%#*+%.0‘,1070#‘ R‘2-70-$S‘#060#+‘$‘+*2,‘%,40‘#‘#50#6# 1 40-‘1,‘!0‘R‘4-%+$0#8‘S‘‘-‘%+‘4‘!%#1%8‘ #060#+‘$‘$,+0‘6#40-‘-70-$‘+2,!+‘10‘ $,0‘#‘.‘-‘$‘$,0‘4-%+$‘2‘+0$$!040-$+‘6‘ 1 40-‘1,‘2,‘‘;0.%-‘$‘+:#‘-.‘*:‘‘-‘$,0‘6*#$,‘ 20-$*#8‘;*$‘$,0‘05*2%$‘-‘6‘8*-.‘1 40-‘6#$,0‘1 #!5‘1,‘2,‘‘-‘*#5%8‘,%+‘2%!!05‘‘-$‘0E‘+9 $0-20‘+‘4%-8‘$0%2,‘-.‘2 4 4*-‘$‘0+‘6#405‘-‘ :%#$‘6‘$,0‘#‘.‘-%!‘:*#:+0‘6‘$,0‘0%#!8‘+0$$!09 40-$+‘6‘1 40-‘$,%$‘!305‘$‘$‘%+‘!%-5‘$‘ *.*+$‘-0‘&<<\ *‘6#5‘!#02$‘-‘‘,0‘‘4:*!+0‘ 1,‘2,‘‘:0:!05‘$,0‘50+0#$‘6‘.8:$‘1‘$,‘,0#4‘$+‘ 4 705‘4%-8‘,#‘+$‘%-‘1 40-‘‘-‘$,0‘*::0# #%-3+‘6‘4%-‘+2‘0$8‘$‘%;%-5-‘$,0‘!*E*#8‘ 6‘$,0‘1 #!5‘%-5‘$‘+003‘‘-‘$,0‘+02!*+‘-‘6‘$,0‘ 2!‘+$0#‘%-‘::#$*-‘$8‘$‘:*$‘-$‘5%‘!8‘:#%2$‘20‘ $,0‘07%-.0!‘2%!‘2*-+0!+‘%-5‘$‘+003‘$‘#0%!‘G0‘ ‘-‘$,0‘#!‘70+‘$,0‘!6$8‘‘50%!+‘6‘,#‘+$‘%-‘7‘#$*0‘ ,0‘05*2%$‘-%!‘1#3‘2%##‘05‘-‘;8‘$,0+0‘0%#!8‘ 2 4 4*-‘$‘0+‘1%+‘5‘#02$05‘2,‘06!8‘$‘$,0‘:#0:%#9 %$‘-‘6‘$,0‘#1-‘404;0#+‘6#$,0‘1#$,8‘5‘+9 2,%#.0‘6‘$,0‘5*$‘0+‘6‘$,0‘4-%+$‘2‘!‘60‘ ‘$,‘$,0‘-7%+‘-‘6‘$,0‘;%#;%#‘%-‘$#‘;0+‘6‘ $,0‘-#$,‘4-%+$‘2‘+4‘6#1 40-‘0-$0#05‘*:-‘% -01‘:,%+0‘%-5‘$,0‘2-70-$‘+2,!‘$3‘-‘% 5‘660#0-$‘2,%#%2$0#‘-‘$,0‘0%#!8‘5%8+‘6‘$,0‘ ‘-7%+‘-‘$,0‘40-‘%4-.‘$,0‘*::0#2!%++0+‘6‘$,0‘ 0#4%-+‘%-5‘#%-3+‘07‘-205‘!‘$$!0‘‘-2!‘-%$‘-‘ 6#$,0‘4-%+$‘2‘!‘60‘%-8‘$04:$‘-.‘2%#00#+‘ 10#0‘:0-‘$‘$,04‘‘-‘$,0‘4%-‘1#!5‘#09 70#‘$,0‘#‘$‘40‘1%+‘!%#.0!8‘22*:‘05‘‘-‘:$$8‘ 1%#6%#0‘*$‘1‘$,‘$,0‘1 40-‘6‘$,0‘*::0# 2!%++0+‘$,0‘2%+0‘1%+‘70#8‘5‘660#0-$‘22*+9 $405‘6#.0-0#%$‘-+‘$‘1‘0!5‘%*$,#‘$8‘%4-.‘ $,0‘#1-‘:0:!0‘%-5‘:++0++05‘6‘-‘!0++‘#0+$!0++‘ 0-0#.8‘$,%-‘$,0‘#;#$,0#+‘$,08‘6*-5‘%!‘ %70-*0+‘‘-‘$,0‘4%-‘1#!5‘2!+05‘$‘$,04‘ -50#$,+0‘2‘#2*4+$%-20+‘4%-8‘6‘$,04‘!06$‘$,0‘ 2*#$‘$‘+003‘‘-‘$,0‘2!‘+$0#:#$02$‘-‘6#4‘$,0

$*#;*!0-20‘6‘$,0‘$‘40+‘%-5‘$‘‘:*#+*0‘$,0‘4%-‘ 2*!$*#0‘1,‘2,‘+$‘!!‘+*#7‘705‘‘-‘$,0‘2-70-$+‘ ,0+0‘#8%!‘!%5‘0+‘,1070#‘10#0‘-$‘2,%#%2$0#9 ‘G05‘;8‘4003-0+‘+‘%-5‘,*4‘!‘$8‘,08‘-$‘‘-6#09 U*0-$!8‘%5:$05‘$,0‘#0!‘.‘*+‘!‘60‘%+‘%:#60+9 +‘-‘,08‘$3‘1‘$,‘$,04‘%5 4‘-00#‘-.‘ 2,%#%2$0#‘%U*‘23‘50$0#4‘-%$‘-‘%-5‘%2!0%#9 +‘.,$05‘%::#02‘%$‘-‘6‘$,0‘:++‘;‘!‘$‘0+‘1,‘2,‘ $,0‘4-%+$‘2‘!‘60‘:0-05‘*:‘$‘$,04‘%-8‘ 6‘$,04‘,1070#‘10#0‘$#%-+6#405‘;8‘$,0‘#09 !‘.‘*+‘+:‘#‘$‘%-5‘$,0‘5‘+2‘:!‘-0‘6‘$,0‘2-70-$‘ %-5‘#+0‘$‘.#0%$‘,0‘.,$+‘6‘+%-2$‘$8‘#4‘$,0‘ +‘E$,‘$‘$,0‘$,‘#$00-$,‘20-$*#8‘4%-8‘4-%+9 $0#‘0+‘6#1 40-‘10#0‘6*-505‘;8‘404;0#+‘6‘$,0‘ #8%!‘6%4‘!8‘,0‘%;;0++0+‘6‘$,0+0‘,*+0+‘10#0‘ -$‘-6#0U*0-$!8‘$,0‘1‘70+‘#5%*.,$0#+‘6‘#0‘.-9 ‘-.‘:#‘-20+‘,‘!0‘!‘7‘-.‘‘-‘$,0‘2-70-$‘$,0+0‘ !%5‘0+‘30:$‘-‘$‘*2,‘1‘$,‘1#!5!8‘%66%‘#+‘%-5‘ $3‘%!%#.0‘:%#$‘-‘+,%:‘-.‘$,0‘-%+20-$‘-%$‘-9 %!‘$‘0+‘%-5‘‘-‘5070! :‘-.‘$,0‘2‘7‘!‘G%$‘-‘6‘10+$90#-‘*#:0‘,0+0‘2-70-$+‘10#0‘0-#‘2,05‘;8‘ .#%-$+‘6‘!%-5‘6#4‘$,0‘#‘8%!‘:%$#-+‘%-5‘ $,08‘;$%‘-05‘4%-8‘:#‘7‘!0.0+‘6#4‘$‘,0‘4%-‘ :-$‘66+‘,08‘*+*%!!8‘+‘505‘1‘$,‘$,0‘:0‘ %-5‘10#0‘6#0U*0-$!8‘‘-7!705‘‘-‘2-$0-$‘-+‘ 1‘$,‘!2%!022!0+‘%+$‘2%!‘%*$,#‘$‘0+‘,%+0‘ 6‘2-70-$‘!‘60‘%$$%‘-05‘‘$+‘4+$2,%#%2$0#‘+$‘2‘ 5070!:40-$‘‘-‘%E-8‘,0‘%;;0++0+‘6‘$,0‘ %E-‘4-%+$0#‘0+‘10#0‘*+*%!!8‘404;0#+‘6‘$,0‘ #8%!‘6%4‘!8‘%-5‘,0!5‘%:!%20‘6%*$,#‘$8‘+02-5‘ $‘-‘1 4%-‘‘-‘$,0‘!%-5‘,08‘,0!5‘$,0‘#%;;08+‘6#‘ $,0‘1 #!5‘1,‘2,‘‘:#02!*505‘%509 :0-50-$#0!%$‘-‘-‘!#5+‘$04:#%!‘#+:‘#‘$*%!‘ ,0‘;;0++‘6‘%-50#+,0‘4‘-0‘6‘$,0‘4+$‘ 6%4*+‘6‘$,0+0‘2-70-$+‘,0!5‘#‘.,$+‘6‘70#9 !#5+,‘:‘70#4%-8‘4‘!0+‘6‘$,0‘+*##*-5‘-.‘ 2*-$#8‘,0‘0E0#2‘+05‘$,0‘#‘.,$‘6‘;%-‘,0‘ ‘++*05‘+*44-+‘$‘,0#50:0-50-$+‘1,0-‘1%# ,%5‘;00-‘502!%#05‘%-5‘+0-$,0#2-$‘-.0-$‘6‘ %#405‘3-‘.,$+‘-$‘$,0‘6‘0!5‘,0‘++*05‘+*49 4-+$‘%$$0-5‘,0#2*#$‘%-5‘1%+‘‘-‘$*#-‘+*49 4-05‘$‘$,0‘4:0#‘%!‘‘0$‘,0‘;;0++0+‘6‘]*05!‘-;*#.‘%-5‘%-50#+,0‘4‘,0!5‘$,0‘#.,$ 6‘+$#‘3‘-.‘2‘-‘‘-‘$,0‘#0.-‘6‘$$‘‘‘*#‘-.‘ $,0‘4‘-#‘$8‘6‘$$‘‘,‘+‘4$,0#‘$.0$,0# 1‘$,‘,‘+‘%*-$‘%$,‘!50‘;;0++‘6‘]*05!‘-;*#.‘ :#%2$‘2%!!8‘#*!05‘$,0‘04:‘#0‘%-5‘5*#‘-.‘%:#9 !-.05‘7‘+‘$‘6‘$,0‘4:0#‘#‘-‘40‘‘-‘PPL‘$,0‘ 4%-%.040-$‘6‘%66%‘#+‘1%+‘.‘70-‘$‘$,0‘;;0++‘ %$,‘!50‘1,‘,%+‘6$0-‘;00-‘:#%‘+05‘6#$,0‘ 50$0#4‘-05‘40%+*#0+‘1,‘2,‘+,0$‘3‘$‘::+0‘ $,0‘-7%5‘-.‘0-5+‘-‘PPP‘-‘,0#1-‘%*9 $,#‘$8‘+,0‘+*44-05‘%5‘0$‘%$‘#-;*#.‘‘ +‘4‘!%#+$%$0‘6‘%66%‘#+‘;$%‘-05‘‘-‘$,0#:%#$+‘ 6‘*#:0‘-‘-.!%-5‘$,0‘%;;0++0+‘6‘4%-8‘ 4-%+$0#‘0+‘#%-305‘1‘$,‘;%#-+ ,0‘05*2%$‘-%!‘%2$‘7‘$8‘6‘$,0‘2-70-$+‘ 5*#‘-.‘$,‘+‘:0#‘5‘4%8‘;0‘+00-‘6#4‘4%-8‘ 5 2*40-$+‘1,‘2,‘,%70‘2 40‘5 1-‘$‘*+‘ 66‘+%#‘*+‘‘+,:‘6‘#!0+‘QK>?QLJ‘1#$0‘% #*!0‘6#%2 4 4*-‘$8‘6‘-*-+‘1,‘2,‘,0‘0+$%;!‘+,05‘ ‘-‘,‘+‘5‘20+0‘*-50#$,0‘.70#-40-$‘6‘,‘+‘+‘+$0# +:+%#‘%‘,0‘-*-+‘10#0‘6#;‘550-‘$‘$%30‘ 2,‘!5#0-‘*-50#$,0‘%.0‘6+‘E‘#+070-‘%-5‘10#0‘ 2%*$‘-05‘%.%‘-+$‘#0%5‘!8‘%220:$‘-.‘$,0‘5%*.,$0#+

6‘ - ;!0+‘ #‘ ! 1!8‘ ; #-‘ .‘#!+‘ $ ‘ ;0‘ ;# *.,$‘ *:‘ %-5‘ 05*2%$05‘ ‘-‘ $,0‘ 2 -70-$‘ -+‘50#%;!0‘ $‘40‘ 1%+‘ $ ‘ ;0‘ 507 $05‘ $ ‘$,0‘ +$*58‘ 6‘ 4*+‘2‘ 1‘$,‘ %7‘01‘ $ ‘ :#0:%#‘-.‘$,0‘ -*-+‘ $ ‘$%30‘ :%#$‘ ‘-‘ $,0‘2,%-$+‘ %-5‘ 2, ‘# +‘-.‘-.‘ ‘-‘2 --02$‘ -‘ 1‘$,‘ $,0‘ #0!‘.‘ *+‘ 0E0#2‘+0+‘ 6‘ $,0‘ 2 -70-$‘ ‘$#%‘-‘-.‘-‘#0%5‘-.‘%-5‘ 1#‘$‘-.‘ 1%+‘ :#0+2#‘;05‘ 6 # %!!‘ $,0‘ 404;0#+‘ 6‘ $,0‘ 2 4 4 *-‘$8‘ :‘-9 -‘-.‘%-5‘ 10%7‘-.‘ 1 !0-‘6%;#‘2+‘6# 4‘1,‘2,‘$,0‘ -*-+‘ 4%50‘ $,0‘# 1-‘ .%#40-$+‘ 2 -+$‘$*$05‘ %:%#$ 6‘ $,0‘# 1 #3‘ ;*$‘$,0‘# ,‘.,0+$‘ 066 #$+‘ ‘-‘ 10%7‘-.‘%-5‘ ‘-‘%#$‘+$‘2‘-005!01 #3‘ 10#0‘507 $05‘ $ ‘$,0‘ 4%3‘-.‘ 6‘2,*#2,‘,%-.‘-.‘+%-5‘70+$40-$+‘ ,‘+‘ #*!0‘#070%!+‘%$#%-+‘$‘ -%!‘:,%+0‘ ‘-‘$,0‘05*9 2%$‘ -%!‘1 #3‘ 6‘$,0‘2 -70‘‘$;0$100-‘$,%$‘ 6‘$,0‘ 0%#!8‘4 -%+$0#‘0+‘1,‘2,‘1%+‘0E2!*+‘70!8‘6 #‘$,0‘ -*-+‘ %-5‘ $,0‘ !%$0# 2 -70-$+‘ 1=,‘2,‘ ;02%40‘ $,0‘, 40‘ 6‘!0%#-‘-.‘%-5‘$,0‘#02 .-‘G05‘+2, !+‘ 6 # $,0‘5%*.,$0#+‘ 6‘$,0‘ *:0# 2!%++0+‘ ,0‘ 05*2%$‘ -%!‘+‘50‘ 6‘2 -70-$‘!‘60‘:0#,%:+‘#0%2,05‘ ‘$+‘ ,‘.,0+$‘ 5070! :40-$‘ ‘-‘ %E -8‘ %-8‘ 6‘$,0‘2,‘!5#0-‘1, ‘10-$‘$‘$,0+0‘ %E -‘2 -9 70-$+‘ -‘2 4:!0$‘-.‘$,0‘# 05*2%$‘ -‘& ‘-05‘$,0‘ 2 4 4 *-‘$8‘1,‘!0‘ $,0#+‘#0$*#-05‘$ ‘$,0‘1 #!5‘ $ ‘ ;0‘ 4%##‘05‘ ‘5 1+‘ 6$0-‘#0$*#-05‘$ ‘$,0‘ 2 -70-$‘$ ‘+:0-5‘$,0‘# 502!‘-‘-.‘ 80%#+‘ ‘-‘$,0‘, 40‘ 6‘ $,0‘# 2,‘!5, 5‘ ,0‘2 -70-$+‘ 6‘ 0#6 #5‘ %-50#+,0‘4‘ ++0-‘%-5‘] *05!‘-;*#.‘ .%70‘%‘5 40+$‘2‘%-5‘ ‘-$0!!02$*%!‘ $#%‘-‘-.‘ 6‘%‘ 70#8‘,‘.,‘ #50#‘ ,0‘ $0#4‘R‘2 !!0.0‘J‘ ‘-‘ ‘$+‘ 4 50#-‘ +0-+0‘,%+‘ 6$0-‘;00-‘%::!‘05‘$ ‘$,0+0‘ ‘-+$‘$*$‘ -+‘%-5‘#‘.,$!8‘+‘ 6 # $,08‘- $‘ -!8‘ .%70‘$,0‘;0+$‘05*2%$‘ -‘ 6‘$,0‘$‘40+‘$‘$,0‘.‘#!+‘ 1,‘%++04;!05‘$,0#0‘;*$‘$,08‘10#0‘$,0‘:0#4%9 -0-$‘, 40+‘ 6‘4%-8‘!0%#-05‘1 40-‘1,‘509 7 $05‘$,0‘# !‘70+‘$‘!‘$0#%$*#0‘%-5‘$,0‘6‘-0‘%#$+‘ ‘2 -70-$‘+2, !‘05*2%$‘ -‘ ‘-‘$, +0‘5%8+‘2 -9 60##05‘5‘+$‘-2$‘ -‘ -‘%!‘$, +0‘1, ‘10#0‘6 #$*9 -%$0‘0- *.,‘$‘#020‘70‘$ 050‘4<‘%‘1#‘$‘-.‘ 6‘ -.!?%E -‘ -.!%-5‘ ‘-‘$,0‘+070-$,‘20-$*#8‘+%8+‘R %-8‘10#0‘1 -$ 6 #‘$,0‘+%30‘ 6‘$,0‘ 4 -%+$‘2‘4 50‘ 6‘!‘60‘$‘ .‘6# 4‘ #‘$%‘-‘$‘$,0‘ 4 -%+$0#‘0+‘ 6‘ #%-20‘ %-5‘ %*!‘ ,08‘%!+‘+0-$‘$,0‘#5%*.,$0#+‘$‘ $,0‘+%40‘$‘ ;0‘‘-+$#*2$05 S‘ -‘ -.!?%E -‘ -.!%-5‘$,0‘6‘#+$‘4 -%+$0#8‘6 # 1 40-‘1%+‘ :# ;%;!8‘$,%$‘6 *-505‘;8‘ %-+1‘$,‘5%*.,$0#‘ 6‘ ‘-.‘ %5;%!5‘‘-‘ OJK‘ ,0‘2 -70-$‘ 6‘ ‘4‘-.‘1%+‘6 *-505‘;8‘]*00-‘ $,0!;*#.‘%; *$‘ $,0‘4‘55!0‘ 6‘$,0‘+070-$,‘20-$*#8‘%-5‘$,%$‘ 6‘ ,0:08‘%601‘80%#+‘!%$0# ;8‘]*00-‘ 0E;*#.‘ # 4‘%2,%#$0# 6‘:#‘7‘!0.0+‘.#%-$05‘;8‘ ‘-‘ ‘,$#05‘%-5‘]*00-‘ 0#;*#.‘;0$100-‘OP0‘%-5‘ L>O‘10‘!0%#-‘$,%$‘$,0#0‘10#0‘%$‘$,%$‘$‘40‘‘-‘$,0‘ :# 7‘-20‘ 6‘ 0-$‘%! -0‘6‘70‘4 -%+$0#‘0+‘. 79 0#-05‘;8‘!%58?%;;0++0+‘ -‘ #$,*4;#‘%‘$,0‘ ;;0+‘ ‘!5‘6 *-505‘% 4 -%+$0#8‘%$‘ %#$!09 : !‘%; *$‘$,0‘80%#‘OML‘%-5‘%- $,0#‘%$‘ ,‘$;8‘ % 601‘80%#+‘!%$0#‘ ,0+0‘4 -%+$0#‘0+‘ 10#0‘ #‘2,!8‘0-5 105‘;8‘+1‘*‘1, ‘+0-$‘,‘+5%*.,$0# & !6!$05‘$ ‘ ‘!5‘$ ‘ ;0‘05*2%$05‘;8‘,0#‘%-5‘$ ‘ ;02 40‘% 404;0# 6‘,0# 2 44*-‘$8‘ ‘!5‘ 5‘5‘ -$‘2 -6‘-0‘,0# 05*2%$‘ -%!‘0-50%7 #+‘$ ‘ 1 40-‘ 050‘%6$0#+:0%3‘-.‘ ‘-‘$,0‘,‘.,0+$ $0#4+‘ 6‘$,0‘#0!‘.‘ *+‘5‘+2‘:!‘-0‘4%‘-$%‘-05‘%$,‘$;8‘*-50#‘ ‘!5‘+%8+‘R #0 70#‘,0#:#*9 50-20‘1%+‘+‘.#0%$‘$,%$‘ -$‘ -!8‘5‘5‘ #5‘-%#8‘ :0#+ -+‘;*$+ 40$‘40+‘070-‘3‘-.+‘%-5‘:#‘-20+‘ +003‘%-5‘#020‘70‘2 *-+0!‘ 6‘,0#‘-‘$,0‘# -020+9 +‘$‘0+‘ ,0‘4%50‘$,+0‘1, ‘10#0‘*-50#‘,0# 5‘#02$‘ -‘.‘70‘+‘4*2,‘$‘40‘$‘$,0‘#0%5‘-.‘ 6‘$,0‘ +%2#05‘ 2#‘:$*#0+‘%-5‘ 0E0#2‘+0‘ $,04+0!70+‘+‘ 4*2,‘‘-‘1 #3+‘ 6‘#‘.,$0 *+-0++‘$,%$‘ 70#8‘4%-8‘ ‘$‘%:0%#+‘2 *!5‘ #0%5‘!8‘ ;0‘6 *-5‘$,0#0‘1, ‘ 2 *!5‘1 #$,‘!8‘0-$0#‘*:-‘$,0‘ 022!0+‘%+$‘2%!‘ .#%50‘$,%$‘+‘$,0‘+0#7‘20‘ 6‘$,0‘%!$%#‘S‘ ‘70‘ 6‘ ,0#:*:‘!+‘5‘5‘‘-‘6%2$‘;02 40‘;‘+, :+‘ , #$!8‘ %6$0#‘$,‘+‘$‘40‘4%-8‘4 -%+$0#‘0+‘6 # 1 40-‘ +:#%-.‘*:‘-‘%!!‘:%#$+‘ 6‘ -.!%-5‘ # 4‘$,‘+‘ $‘40‘$‘$,0‘4‘55!0‘ 6‘$,0‘$,‘#$00-$,‘20-$*#8‘$,0‘ 05*2%$‘ -%!‘%2$‘7‘$8‘ 6‘$,0‘2 -70-$+‘#%-‘:%#%!!0!‘ $ ‘$,%$‘1,‘2,‘ ;$%‘-05‘‘-‘+‘4‘!%#‘-+$‘$*$‘ -+‘ -‘ $,0‘2 -$‘-0-$ %-8‘6‘$,0‘1 40-‘05*2%$05‘‘-‘$,0‘2 -70-$+‘ 6‘10+$0#-‘ *# :0‘;0$100-‘$,0‘+‘E$,‘%-5‘$,0‘ $,‘#$00-$,‘20-$*#8‘.%70‘%;*-5%-$‘07‘50-20‘6‘ $,0‘$,‘ # *.,‘$#%‘-‘-.‘1,‘2,‘$,08‘,%5‘#020‘705‘ 4 -.‘4%-8‘$,0#+‘4%8‘;0‘40-$‘ -05‘$,0‘ -*-‘ +1‘$,%‘1, ‘‘-‘$,0‘!%$$0#,%!6‘ 6‘$,0‘$0-$,‘ 20-$*#8‘%$$%‘-05‘0-5*#‘-.‘6%40‘%+‘%‘:0$0++‘ %-5‘,‘+$#‘%-‘ #;0#$+%8+‘6‘,0#& (‘ 3 ((‘ (0‘ 2 /6>))LF!‘ R ,‘+‘6#*‘$6*!‘: 0$‘2‘$%!0-$‘1,‘2,‘!%23+‘-$‘$,0‘ ‘-+:‘#%$‘-‘%-5‘$,0‘2 *#%.0‘6‘.0-‘*+‘$‘0-$0#‘ *:-‘-01‘.# *-5‘07‘-20+‘, 1‘$,0‘%E -‘0!09 40-$‘1%+‘2, +0-‘$‘.*‘50‘$,0‘ 0#4%-‘-%$‘ -‘‘-‘ $,0‘5 4%‘-‘ 6‘%#$‘S‘ +1‘$,%‘1# $0‘40$#‘2%!‘ !0.0-5+‘6 #‘$,0‘05‘6‘2%$‘ -‘ 6‘$,0‘-*-+<‘ +,0‘ 1# $0‘2 -$04:#%#8‘,‘+$ #8‘‘-‘40$#‘2%!‘6#4< %-5‘2 4:+05‘+070-‘ %$‘-‘5#%4%+‘1#‘$$0-‘‘-‘$,0‘ +$8!0‘ 6‘ 0##0-20‘ +‘%-‘,‘+$ #‘%-‘ ‘0+;#02,$ 2!%++0+‘ ,0#‘1‘$,‘ ‘$$‘3‘-5‘%-5‘ *$.0#‘;*$ %+‘%‘1#‘$0# 6‘ %$‘-‘5#%4%‘-‘$,0‘ ‘55!0‘ .0+‘ +,0‘+$%-5+‘%! -0‘ 0##%5‘ ;;0++‘ 6‘ ,0-2 ;*#.‘‘-‘ !+%20‘.‘70+‘%‘.!‘4:0‘-$‘$,0‘%#$‘+$‘2‘ %2$‘7‘$‘0+‘ 6‘$,0‘2 -70-$+‘ 6‘$,0‘$10!6$,‘20-$*#8‘ 01‘!!*4‘-%$05‘4%-*+2#‘:$+‘,%7‘0‘%2U*‘#05‘% 6%40‘+‘10!!‘50+0#705‘%+‘,0#1 0‘‘ (0 6 ‘-‘1,‘2,‘+,0‘%$$04:$05‘$‘04;58‘‘-‘%-‘0-289 2! :05‘2‘1#3‘;$,‘‘-‘1#‘$‘-.‘%-5‘‘-‘:‘2$*#0+‘ $,0‘3-1!05.0‘6‘,0#$‘40+‘ ,0‘$0E$‘6‘$,‘+‘ 1#3‘:0#‘+,05‘1‘$,‘$,0‘!‘;#%#8‘6‘$#%++;*#.‘ ‘-‘>)LK‘;*$‘%‘2!!02$‘-‘6‘+40‘NKK‘:‘2$*#0+‘ 2:‘05‘6#4‘‘$‘,%+‘;00-‘:#0+0#705‘ ‘!50? .%#5‘6‘ ‘-.0-‘ >KP)?>>L)‘%-5‘ !‘G%;0$,‘ 6‘ 2, -%*‘ >>NP?>>OQ‘%#0‘2,‘06!8‘3-1-‘ $,#*.,‘$,0‘#:!‘$‘2%!‘1#‘$‘-.+‘1,‘2,‘+, 1‘+‘ $,0‘%2$‘70‘:%#$‘$,%$‘-*-+‘2 -$‘-*05‘$‘$%30‘%$ $,‘+‘!%$0‘5%$0‘‘-‘$,0‘%66%‘#+‘6‘$,0‘-%$‘ -‘ ,0‘# 1#‘$‘-.+‘:++0++‘%- $,0#‘-$0#0+$6 #‘$,0‘+$*50-$ 6‘2 -70-$‘+2, !‘05*2%$‘ -‘0E,‘;‘$‘6!.‘%+‘$,08‘ 5‘$,0‘.# 1$,‘6‘48+$‘2‘+4‘1,‘2,‘1%+‘+ -‘$‘ :!%8‘+‘!%#.0‘%# !0‘‘-‘$,0‘502!‘-0‘6‘$,0‘05*2%9 $‘ -%!‘%2$‘7‘$‘0+‘6‘$,0‘-*-+ ,0‘2 -70-$‘+2, !+‘6‘$,0‘ ‘55!0‘ .0+‘ #0%2,05‘$,0‘#, ‘.,0+$‘5070! :40-$‘%; *$‘$,0‘ 4‘55!0‘6‘$,0‘$,‘#$00-$,‘20-$*#8‘%$‘1,‘2,‘$‘40‘ 4%-8‘‘-6!*0-20+‘2 -+:‘#05‘$ ‘;#‘-.‘%; *$‘$,0‘# .#%5*%!‘502!‘-0‘ # 4‘$,0‘+‘E$,‘$ ‘$,0‘$,‘#9 $00-$,‘20-$*#8‘$,0‘2 -70-$+‘%66 #505‘$,0

1 40-' 6' $,0' *::0# 2!%++0+' % +02*#0' +,0!$0# 6# 4' $,0' $*#;*!0-20' 6' $,0' $'40+' *#'-.' $,0' #*+%50+' $,08' 660#05' $,0' -!8' +%60' #06*.0' 6 # $,0' 1'70+' %-5' 5%*.,$0#+' 6' $,0' 3-'.,$+' 1,' 10#0' 04;%#3'-.' -' :0#'! *+' 0-$0#:#'+0+' 1'$,' !%#.0-2,%-20+' 6' -070# #0$*#-'-.' $ ' $,0'# 6%4'9 !'0+' '$,' $,0' 4 #0' +0$$!05' 2 -5'$' -+' 6' $,0' $,'#$00-$,' 20-$*#8' $,0+0' 4 $'70+' 6 # 0-$0#'-.' $,0'2 -70-$'20%+05' # 4'$,'+'$'40' -'%-'070#?'-2#0%+'-.' -*4;0#' 6' $,0' 1 40-' 1,' 0-$0#05' $,0'2 -70-$'5'5'+' '-': *#+*'$' 6' :*#0!8'#0!'.' *+' '50%+' ,0' #0%2$' -'%.%'-+$'$,0' #%$' -%!'+4' 6' ;0!%#5' &<% %* %-5' $,0' ,0#0+'0+' 6' % + 401,%$' !%$0# 5%$0' #0+*!$05' '-' $,0' #%:'5' 5070! :40-$' 6' 48+$'2'+4' '-' $,0' 2 -70-$+' ,'+' '4:*!+0' 1,'2,'2 -$#';*$05'+' : 10#6*!!8'$ ' $,0' 5070! :9 40-$' 6' %#$' *$+'50' $,0' 4 -%+$0#8' 1,'2,' ,0#09 $ 6 #0' ,%5' ;00-' '$+' -!8' , 40' ,0' :#'-$'-.' :#0++' #04 705' $,0' -020++'$8' 6' 2 :8'-.' 4%-*9 +2#':$+' %-5' $,*+' 2*$' 66' %' ,'$,0#$ ' : 10#6*!' +$'4*!*+' $ ' $,0' 05*2%$' -%!' %2$'7'$8' 6' $,0' 2 -9 70-$' -' $,0' 40%-1,'!0' $,0' *-'70#+'$'0+' 5#01' $ ' $,04+0!70+' $,0' '-$0!!02$*%!' 40-' 6# 4' $,0' 1 #!5' %-5' 6# 4' $,0' 7%#' *+' #%-3+' 6' $,0' 2!0#.8' %-5' $,0' #0!'.' *+' #50#+' 6' 40-' ,0' -*-+' %-5' 1 40-' '-' .0-0#%!' 10#0' :#%2$'2%!!8' 0E2!*505' 6# 4' $,0' '-$0!!02$*%!' !'60' 6' $,0' *-'70#9 +'$8' $' '+' - $' %' 4%$$0#' 6' +*#:#'+0' $,0#06 #0' $,%$' $,0' +$%-5%#5' 6' 05*2%$' -' '-' $,0' 2 -70-$+' .#%5*%!!8' 50$0#' #%$05' $'+, *!5';0' #04049 ;0#05', 1070#' $,%$' $,0' 2 -70-$+' 6' $,'+':0#' 5' $, *.,' - $', !5'-.' $,0'# 1-' 1'$,' $,0' *-'70#9 +'$'0+' 660#05' $,0' -!8' %7%'!%;!0' +2, !+' 6 # 1 40-' ,'+':,%+0' 6' $,0' 2 -70-$' +2, !+' $0#4'-%$0+' 1'$,' $,0'+*:#0++' -' 6'$,0' 2 -70-$+' '-' -.!%-5' %-5' '-' #$,0#-' *# :0' '-' $,0' $# *;! *+' $'40+' 6 !! 1'-.' $,0' # $0+$%-$' 09 6 #4%$' -' -70-$' +2, !+' , 1070#' 5'5' - $' 20%+0' $ ' 0E'+$' '-' %$, !'2' 2 *-$#'0+' ,0' 5%*.,$0#+' 6' -.!'+,' %$, !'2' 6%4'!'0+' '-' $,0' 0%#!8' 5%8+' 6' $,0' 06 #4%$' -' #020'705' $,0'# 05*2%$' -' '-' 2 -70-$' +2, !+' -' $,0' -$'-0-$' *#'-.' $,0' +070-$00-$,' %-5' 0'.,$00-$,' 20-9 $*#'0+' 4%-8' 5%*.,$0#+' 6' -? %$, !'2' 6%4'!'0+' 10#0'+0-$' '2 -70-$' +2, !+' 1,0#0' $,0'# :%#0-$+' + *.,$' $ ' +,0!$0#' $,04' 6# 4' $,0' ! +0' 4%--0#+' 6' $,0' $'40+' ,'+' 1%+' :%#$'2*!%#!8' $#*0' '-' $,0' 2 *#$' 2'##'0+' 6' #%-20

,0' !%+$' 20-$*#8' 1'$-0++05' % 70#8' #5:'5' 5070! :40-$' 6' $,0' 2 -70-$' +2, !' '$,' $,0' +:#0%5' *!%# 05*2%$' -' % 4*!$'$*50':6' $0%2,'-'2 44*-'$'0+' 10#0'2%!!05'-$' 0E'+$0-20' 6 # $,0' 0E:#0++':*#: +0' 6' 05*2%$'-.'.'#!+' -' -.!%-5' $,0':' -00# %4 -.' $,0': +$? 06 #4%?' $' -'2 -70-$' +2, !+' 1%+' %#' -70-$' %$ #3' 6 *-505';8' %#8' %#5' '-' >O))' 6 # $,0' 05*2%9 $' -' 6' -.!'+,'.'#!+' 6' $,0' *::0# 2!%++' # 4 #0' $,%-' % 20-$*#8' $,0' :0-%!' !%1+' :#070-$05' $,0+0' !%5'0+' 6# 4' %++*4'-.' #0!'.' *+' -%40+' # $,0' #0!'.' *+' .%#;' # 4' $,0' 80%#' >LPK' '-' 1,'2,' $,0' '-+$'$*$' -' %++*405' $,0' *$1%#5' %::0%#%-20' 6' % 2 -70-$' $,0' 2 44*-'$8',%+' .# 1-' 70#8' #%:'5!8' $' $,0' :#0+0-$' $'40' '$' 2 -5*2$+'>)K'+2, !+''-' -.!%-5' ' 4*!$'$*50' 6' 2 -70-$' +2, !+' .#01'*:''-' -.!%-5'5*#'-.' $,0' !%$$0#' ,%!6' 6' $,0' -'-0$00-$,' 20-$*#8' %-8' 6' $,0' +02 -5%#8' +2, !+' 2 -5*2$05' ;8' $,0' 7%#' *+' $0%2,'-.' +'+$0#, 5+' $,0#0' %#0' #02 .9 -'G05';8' $,0' %#5' 6' 5*2%$' -' %-5' #020'70' +*::#$' 6# 4' $,0' $%$0' ;*$' 4%-8' 6' $,04' 1,'!0' #02 .-'G05';8' $,0' %#5' 6' 5*2%$' -' #06*+0' $%$0'%'5'%-5'$,08' $,*+' #0$%'-' % .#0%$0# 40%+*#0' 6' '-50:0-50-20';$,' %+' #0.%#5+' $,0' %54'++' -' 6' :*:'!+' %-5' '-' $,0' #0.*!%$' -' 6' 2 -70-$'+2, !' 05*2%$' -''+' $,0' '4:%#$'-.' 6' %$, # *.,'#0!'.' *+' $#%'-'-.' ;*$'%$'$,0'+%4 0'$'40' '$' 300:+' 6*!!8' %;#0%+$' 1'$,' $,0' --? %$, !'2' +2, !' '-' +2, !%+$'2' 066'2'0-28' 70#-40-$' '-+:02$ #+' %-5' 0E%4'-0#+' ,%70' 6#0U*0-$!8' ; #-0' 1'!!'-.' $0+$'4 -8' $' $,0' 0E20!!0-$' +2, 9 !%+$'2'$#%'-'-.' %+' 10!!' %+' $' $,0' #0!'.' *+' %$4 +9 :,0#0' 6' $,0' 2 -70-$' +2, !+' :%#$' 6# 4' $,0' 4*!$'$*50' 6' :%# 2,'%!' +2, !+' 4<% %* 2 -5*2$05';8' $,0' $0%2,'-.' +'+$0#, 5+' $,0#0' %#0' %$' :#0+0-$' + 40$,'-.' 70#'$1 ' ,*-5#05'%2%504'0+' #+02 -5%#8' +2, !+' '-' -.!%-5' 2 -5*2$05';8' $,0' 404;0#+' 6' + 40' +'E$8' 5'660#0-$' $0%2,'-.' 2 44*-'$'0+' ,0#0' %#0' $1 ' $#%'-'-.' 2 !!0.0+' 507 $05' 0E2!*+'70!8' $' $,0' :#0:%#%$' -' 6' $0%2,0#+' 6 # +02 -5%#8' +2, !+' ,0' !%#.0+$' 6' $,0+0' '+' $' %#8⇩+' %!!' '70#: !' 2 -9 5*2$05';8' $,0' '+$0#+' 6' $#0' %40' 6' %4*#<' $,0' $,0# %$' %70-5'+,' U*%#0' -5 -' 2 -9 5*2$05';8' $,0' '+$0#+' 6' $,0' !8' ,'!5' (0+*+' ,0' +'+$0#+' 6' $,0' 7%#' *+' 2 44*-'$'0+' 1,' $0%2,' '-' $,0' :#'4%#8' %$, !'2' +2, !+' 6' $,0' 3'-.5 4'6 # $,0' 4 +$' :%#$' #020'70' $,0'# :# 960++' -%!' $#%'-'-.' '-' -0' 6' $,0' +'E' #02 .-'G05' %$, !'2' $#%'-'-.' 2 !!0.0+' 6 # :#'4%#8' $0%2,0#+' ,0' 6'#+$' 6' $,0+0' 1%+' 0+$%;!'+,05' '-' '70#: !' ;8' $,0' '+$0#+' 6' $#0' %40' $1 ' 6' $,0+0' $#%'-'-.' +2, !+' %#0' 2 -5*2$05';8' $,0' '+$0#+' 6' $,0' %2#05' 0%#$' -0' ;8' $,0' -*-+' 6' %' %'-$0' -' -' %-$,0#' ;8' $,0' %'$,6*!' 49 :%-' -+' %-5' $,0' +'E$,';8' $,0' '+$0#+' 6' 0#28' ' 20#$'6'2%$0' 6' .#%5*%$' -' 6# 4' -0' 6' $,0+0' +2, !+' $ .0$,0#' 1'$,' $1 ' 80%#+⇩ +*220++6*!' $0%2,'-.''-'%-8' -0' +2, !' 6' $,0' '-.5 4'0-9 $'$!0+' $,0' 2%-5'5%$0' $ ' % 20#$'6'2%$0' 6# 4' $,0' %#5' 6' 5*2%$' -' ,0' 2 -70-$' +2, !+' 6' #0!%-5'%-5' 2 $!%-5'%#0' -':#%2$'2%!!8'$,0'+%40' :!%-0'%#' $, +0' 6' -.!%-5

,0'6'#+$'2 -70-$'+2, !'0+$%;!'+,05'1'$,'-'$,0' :#0+0-$' !'4'$+' 6' $,0' -'$05' $%$0+' 1%+' $,%$' 6 *-505'-' 01' #!0%-+' ;8' $,0' #+*!'-0+' 6# 4' #%-20' '-' $,0' 80%#' >LNL' ,0' #0-2,'. 70#-9 40-$'+*;+'5'G05' $,'+' +2, !' # 4' % 2 :8' 6' $,0' #*!0' 6' $,'+' 2 44*-'$8' :*;!'+,05' '-' %#'+' '-' >LKQ' '$ %::0%#+' $,%$'! R' ,0' #+*!'-0' #50#' ,%+' ;00-' '-+$'$*$05' - $' -!8' 6 # $,0' +%!7%$' -' %-5' :0#602$' -' 6' '$+' 404;0#+' ;*$' %!+' '-' #50#

$,%$' $,0+0' 4%8' ,0!:' %-5' +0#70' $,0'# -0'.,; #
;8' $,0' '-+$#*2$' -' 6' 8 *-.' .'#!+' 1, 4' $,08'
4*+$' !%; #' $ ' ;#'-.' *:' '-' $,0' 60%## %-5'! 70' 6'
5' !0%5'-.' $,04' '-' $,0' 1%8' 6' +%!7%$' -'
$0%2,'-.'$,04'070#8' + 2'%!'%-5' ,#'+$'%-'7'#$*0'
%-5':#0:%#'-.'$,04'$ ';0'%+ *#20' 6'05'6'2%$' -'
$ ' $,0#+' ;8' $,0' :#%2$'20' 6' $,0+0' 7'#$*0+ S'
-20#-'-.'$,0':#0:%#%$' -' 6'$,0'$0%2,0#+'$,0'
+%40' #*!'-0+' 05*2%$' -' ;0'-.'$ ' .'70' % . 5'%-5'
+ !'5'05*2%$' -'$ ' 8 *-.':0#+ -+' %22 #5'-.'$ '
$,0'# 2 -5'$' -' %!!' $,0' $0%2,'-.'#0!'.' *+' *.,$'
$ ':#0:%#0' $,04+0!70+' '-' $,0' +2'0-20+' %-5' %#$+'
+'%+' $ ' ;0' %!1%8+' 2%:%;!0' 6' 400$'-.'$,0' 0E'9
.0-2'0+' %-5'$ ';0'$, # *.,!8' 4%+$0#' 6' %!!' $,08'
4%8' ;0' 2%!!05' *: -'$ '$0%2, S' ,0' 6'#+$' 2*##'29
! 4' 6' $,'+' +2, !' '-' 01' #!0%-+' '-2!*505'
#0%5'-.' 1#'$'-.'%#'$,40$'2' ,#'+$'%-'5 2$#'-0'
%-5' '-5*+$#'%!' $#%'-'-.' ,0' #+*!'-0+' 049
:! 805' :*:'!' $0%2,0#+' 2%!!05' R 5'G%'-'0#0+ S'
,0+0' 10#0' +0!02$05' 6# 4'%4 -.'$,0';#'.,$0+$'
%-5';0+$?;0,%705' .'#!+' ,0'# 66'20' 1%+' $ '
%++'+$' $,0' $0%2,0#+' '-' 2!%++' 1 #3' %-5' '-' $,0'
4%'-$0-%-20' 6' 5'+2':!'-0' %2,':*:'!' $0%2,0#
1%+' %++'.-05'%'.# *:' 6' 0'.,$' # $0-' 2,'!5#0-'
-' $,'+' #0+:02$' $,0' 2 -70-$' +2, !' %-$'2':%$05'
%-2%+$0# 4<% %' ;8' %!4 +$' %' 20-$'*#8' ,0'
#+*!'-0+' %!+' 04:! 805' +:02'%!' $0%2,0#+' 6 #'
,%-51#'$'-.'%#'$,40$'2'%-5''-5*+$#'%!'$#%'-'-.'
,0' +8+$04' 6' $#%'-'-.',0#0' *$!'-05' '+':#%29
$'2%!!8' $,%$' %5 :$05' ;8' $,0' 7%#' *+' $0%2,'-.'
2 44*-'$'0+1,'10#0';# *.,$'$,'+'2 *-$#8'
6# 4' *# :0' 5*#'-.'$,0' 0'.,$00-$,' 20-$*#8'
#10#06 *-505',0#0'1'$,'%7'01'$' 400$'-.'$,0'
+:02'%!'-005+' 6' 40#'2%-'.'#!+' ,0'- 7'$'%$0+'
6' $,0+0' #50#+' 2 -+$'$*$05' $,0' 6'#+$' $#%'-'-.'
+2, !+'6 #$0%2,0#+'-'$,0' -'$05' $%$0+' + 40'
6' $,04'%-$05%$'-.';8' $10-$8' 80%#+' $,0' 6'#+$
:*;!'2' - #4%!' +2, !' $' $,0' :#0+0-$' $'40'
$,0#0'%#0'-'$,0' -'$05' $%$0+' 4 #0'$,%-'%',*-9
5#05'5'+$'-2$' $0%2,'-.' #50#+' 6' 1 40-'%-5'6'
$,0' -50:0-50-$'6 *-5%$' -+' 6' + 40' 6' $,0+0'
#50#+' +*2,'%+' $,0' '+'$%-5'-0+' #+*!'-0+'
4'-'2%-+' #%-2'+2%-+' '+$0#+' 6' 0#28'
%-5' '+$0#+' 6' ,%#'$8' ;0' 2 *-$05' $,0' -*49
;0#' #0%2,0+' + 40' JKK' ,0' 66'2'%!' 5'#02$ #8'
(%-*%#8' >P>K' .'70+' $,0' -*4;0#' 6' %2%59
04'0+'2 -5*2$05';8'+'+$0#+'-'$,0' -'$05' $%$0+'
%+' LKP' 4 -.'$,0':*:'!+' 6' $,0+0' +2, !+'
$,0#0' %#0' % .#0%$' 4%-8' - -? %$, !'2' .'#!+'
,0' 2 *#+0' .'70-' '-' $,0' +02*!%#' ;#%-2,0+''-'
4 +$' '-+$%-20+''+' 0U*'7%!0-$' $' $,%$' .'70-'-'
%' 6'#+$?2!%++' ,',' +2, !' 1'$,' $,0' %55'$' -' 6'
#0!'.' *+' -+$#*2$' -'%-5'%' $#%'-'-.''-'5 40+$'2'
22*:%$' -+' '$,'-'$,0'!%+$'601'80%#+'%'-*49
;0#' 6' $,0+0' 2 44*-'$'0+',%70'0+$%;!'+,05'2 !9
!0.0+'1,'2,'4%'-$%'-'%',.','%2%504'2'+$%-5%#5'
-' $,0'-7'$'%$0'+2, !+' 6' $,0'7%#' *+' $0%2,'-.'
#50#+'$,0'$0%2,0#+'6 #'; $,'%!'+2, !+'
%-5' $,0' %2%504'0+' #020'70' $,0'# :# 60++'-%!'
$#%'-'-.

-''$+'.0-0#%!':*#: +0'$,0'2 -70-$'+2, !'0E9
:#0++0+' $,0' '50%'$,%$';08 -5'%'20#$%'-'%.0'.'#!+'
+, *!5' ;0' 05*2%$05'%:%#$'6# 4'; 8+' ,'+' '+
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%-5''$' '+'-'300:'-.'1'$,'$,0':#'-2':!0'$,%$'05*9
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6%# *$10'.,05'$,0' #0%+ -+' -' 1,'2,'$,0'2 -9
70-$' +2, !' '+' ;%+05' ,0' +%40' #0%+ -+' 6'
2 *#+0'%#0'04:,%+'G05'-'$, +0' - -? %$, !'2'
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05*2%$' -'6 #.'#!+' ,1070# 2! +0!8'$,08'6 !! 1'
$,0'2 *#+0+'%-5'40$, 5+' 6'-+$#*2$' -' 1,'2,'
%#0':*#+*05'-'2 !!0.0+'6 #40-' +'%+:02'%!'
60%$*#0',0'2 -70-$' +2, !'4:!'0+',%$'$,0'
+$*50-$',%!!' #0+'50'5*#'-.'$,0'%2%504'2'80%#'
1'$,'-'$,0'-+$'$*$' -'%-5',%!!' ;+0#70'$,0'
#*!0+1,'2,''$':#0+2#';0+' $'+'2 -+'50#05'%59
7%-$%.0'*+'$,%$'.'#!+' +, *!5'!'70'*-50#'%'5'+9
2':!'-0'%5%:$05'$'$,0'# 40-$%!'%-5' :,8+'2%!'
-005+'1'$,'%10!!?506'-05'+0#'0+'6' 22*:%$' -+'
%-5'%:# :0# 5'+$#';*$' -' 6'$'40'$,%$' +02*#0+'
#0.*!%#, *#+'6 #+$*58'%-5'#02#0%$' -' $'+''-'
:%#$'2*!%#'50+'#%;!0'$,%$'$,0'+$*50-$';0'1'$,9
5#%1-'6# 4'5'+$#%2$'-.''-6!*0-20+'%-5'$#%'-05'
'-'$, +0',%;'$+'6'2 -20-$#%$' -'1,'2,'%#0'0++0-9
$'%!'$''-$0!!02$*%!' 1 #3' $'!!'.#0%$0#'4: #9
$%-20'+'%$$%2,05'$''$,0'5070! :40-$'6'$, +0'
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:#0:%#%$' -'6 #'$,0'5*$'0+'-2*4;0-$' -'1'60'
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'+'%+%60.*%#5'$,0'0E%4:!0'6'$0%2,0#+'1, +0'
!'70+'%#0'2 -+02#%$05'$' 5!+'+0#7'20'%2$+'%#'%'
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6%# %+' '$' '+'+*220++6*!' '-'$,'+' #0+:02$' '$' '4:%#$+'
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-0++' '-' #'.,$?5 '-.'1,'2,' %! -.'1'$,' 40-$%!'
2*!$*#0'%#0'$,0':*#0+$'+*#20+' 6' 1 4%-+' '-9
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$0#4 04:!805 1'$, '-2#0%+'-.6#0U*0-28 '-#020-$80%#+$'+'.-'68$,0:0#'5'2%!H*+*%!!8%--*%!F.%$,0#'-.+6$,0404;0#+%-5 66'20#+6!2%!;%#5+6 05*2%$'-6#2-60#0-20%-5'-+$#*2$'-*:-4%$$0#+:0#$%'-'-.$',0.0-90#%!%54'-'+$#%$'-10!6%#0%-5:#.#0++6:*;!'2+2, !+-'$+-%##10#%::!'2%$'-$,0$0#4',%+!%$0!8 2 40$;0#0+$#'2$05$,$, +0400$'-.+6#$,0#.%-'G%$'-5%-5$,0,!5'-.'6 1,'2,+:02'%!!0.%!::#7'+'-+',%70;00-54%50'-'+070#%!+$%$0+:$,0:#0+0-$'40-'-0+$%$0+5%,H>PKPF'2,'.%-'H>PKPF'--0+$%'H>PKJF#$,%3$%'H>PKJF#09.-'H>PKLF0-+8!7%-'%'H>PKJF*$,%3$%'H>PK>F%+,'-.$-'H>PKLF%-5'+2-+'-H>PKQF'%*$,#'GO'$,02*-$8'+*:0#'-50-$'6+2, !+'#2##0+:-5'-.'66'20#'$',!5'%$+40 20-$#%!':'-$%-'%--*%!4 00$'-.'6$,0'404;0#+%-5'66'20#+'6'5'+$#'2$%-5'$,0#+2, !';%#5+'-$,0'2*-$8'',!0'-'+40'-+$%-20+'%$$0-59%-20'+'7!*-$%#8'$,0'$0-50-28',%+;00-'$'#09U*'#0'0%2,';%#5'$'+0-5'%$'!0%+$-0'#0:#0+0-$%9$'70',0'4#0'+'.-'6'2%-$6$,0+0'!%1+2-9$%'-:#7'+'-+'6#%:0#5'04'2 4:0-+%$'-%-5'4'!0%.0',0'400$'-.+*+*%!!8 2-$'-*'06#-0'#$1'5%8+'%-5'%#0'507$05'$'.0-0#%!5'+2*++'-'6 4%$$0#+'%-5':#;!04+'6!2%!4 40-$,0',.,'50.#00'6'5020-$#%!'G%$'-'2,%#%2$0#9'+$'2'6$,0'%54'-'+$#%$'70'2-$#!'6'0!040-$%#8%-5'+02-5%#8':*;!'2'05*2%$'-''-'$,0'4%&#'$8'6'40#'2%-'+$%$0+'-'1,'2,'$,0'5'+$#'2$',%7'-.'%;%#5'6 6#4'$,#00'$'6'70'404;0#+'+'$,0'*-'$6#05*92%$'-%!%54'-'+$#%$'-'-50#+*2,'2'#2*49+$%-20+'$,0'$%!'-*4;0#'6!%8+2,!'66'2'%!+;02 40+'%;-#4%!!8'!%#.0'%-5'6#0U*0-$!8'0E9 2005+'$,0'$%!'-*4;0#'6$0%2,0#+'-'$,0'+$%$0'-'$,0'%;+0-20'6 2-$'-* *+'%-5'0E:0#$':#960++'-%!'+*:0#7'+'-'$,0'066'2'0-28'6'$,0'+2,!'+!%#.0!8'%4%$$0#'6'$,0'066'2'0-28'6'$,0'!%8';%#5',0+0'+2,!';%#5'2-70-$'-+';09 2 40'%+'$'10#0'%.0-2'0+'6#$,0'*-'6'2%$'-'6 05*2%$'-%!'066#$%-5'+2,!+'6'-+$#*2$'-'6#!%840-'2,%#.05'1'$,'$,0':10#+%-5'#0+:-+'9;'!'$'0+'6!2%!05*2%$'-%!'%54'-'+$#%$'-',0'2*-$8'+*:0#'-$0-50-$'6'+2, !+';%#5'2-70#+%

- +'+ʻ %-5ʻ $ ʻ %-%!8GOʻ $,Oʻ 2%*+%$'70ʻ 6%2$ #+ʻ ,Oʻ 4 7040-$+ʻ 6ʻ$,Oʻ&%1+ʻ$ -.*Oʻ%-5ʻ2,003+ʻ 2,*#-ʻ $,Oʻ+%!'7%ʻ '-ʻ$,Oʻ 4 *$,ʻ %-5ʻ6#0U*0-$!8ʻ :# 5*20ʻ %ʻ 6# $,'-.ʻ 1,'2,ʻ 'ʻ6ʻ$,Oʻ$ -.*Oʻ ,%+ʻ ;00-ʻ;'$$0-ʻ'+ʻ+$%'-05ʻ1'$,ʻ;! 5ʻ ,Oʻ+:02'%!ʻ $8:Oʻ 6ʻ2 -7*!+' -ʻ5*Oʻ$ʻ2 !5ʻ #$ʻ$,Oʻ600!'-.ʻ 6ʻ 2 !5ʻ'+ʻ.'70-ʻ $,Oʻ -%40ʻR'2,'!! Sʻ ,'+ʻ3'-5ʻ 6ʻ2 -7*!+' -ʻ'+ʻ- #4%!!8ʻ6 *-5ʻ'-ʻ:%$'0-$+ʻ1'$,ʻ 4%!%#'%ʻ1, ʻ600!ʻ2 !5ʻ;*$ʻ1, ʻ,%70ʻ%ʻ5'+$'-2$ʻ #'+Oʻ '-ʻ $04:0#%$*#Oʻ H6070#Fʻ ʻ ʻ

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ʻ'%-5ʻ * #ʻ - 0ʻ ʻ ʻ' %ʻ H ,'!%50!:,'%ʻ>)P)F ʻ 5%ʻ %ʻ 40ʻ ;+0#7%$'-+ʻ -ʻ -7*!+'70ʻ -5'$'-+ʻ %ʻ %ʻ. %6ʻ !ʻ ʻ>PKJʻ::ʻ >MP?>QJ ʻ ʻ -7*!+'7%-$+<ʻ'-ʻ'(ʻ ʻ+ !# (6ʻ !ʻ ʻ::ʻMKQ?M>Mʻ1'$,ʻ ;';!' .#%:,8

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/ ʻ *-505ʻ'-ʻ>))>ʻ*-50#ʻ$,Oʻ%*+:'20+ʻ 6ʻ$,Oʻ 8-5ʻ 6ʻ %-+%+ʻ 6ʻ$,Oʻ -'$05ʻ #0+;8$0#'%-ʻ ,*#2,ʻ $ʻ'+ʻ% 2 05*2%$'-%!ʻ'-+$'$*$'-ʻ 4%'-$%'-'-.ʻ :#0:%#%$ #8ʻ2 !!0.'%$0ʻ- #4%!ʻ %-5ʻ 4*+'2%!ʻ%-5ʻ%#$+ʻ 50:%#$40-$+ʻ $*50-$+ʻ %#0ʻ%54'$05ʻ$ʻ$,Oʻ2 !!0.Oʻ;8ʻ0'$,0#ʻ0E%4'-%9 $'-ʻ #ʻ.#%5*%$'-ʻ6# 4ʻ%-ʻ%22#05'$05ʻ,',ʻ +2, !ʻ ,Oʻ- #4%!ʻ2 *#+0ʻ!0%5+ʻ$ʻ$,Oʻ+$%$0ʻ 20#$'6'2%$0ʻ ,0#0ʻ'+ʻ%'6%2*!$8ʻ 6ʻ0'.,$00-

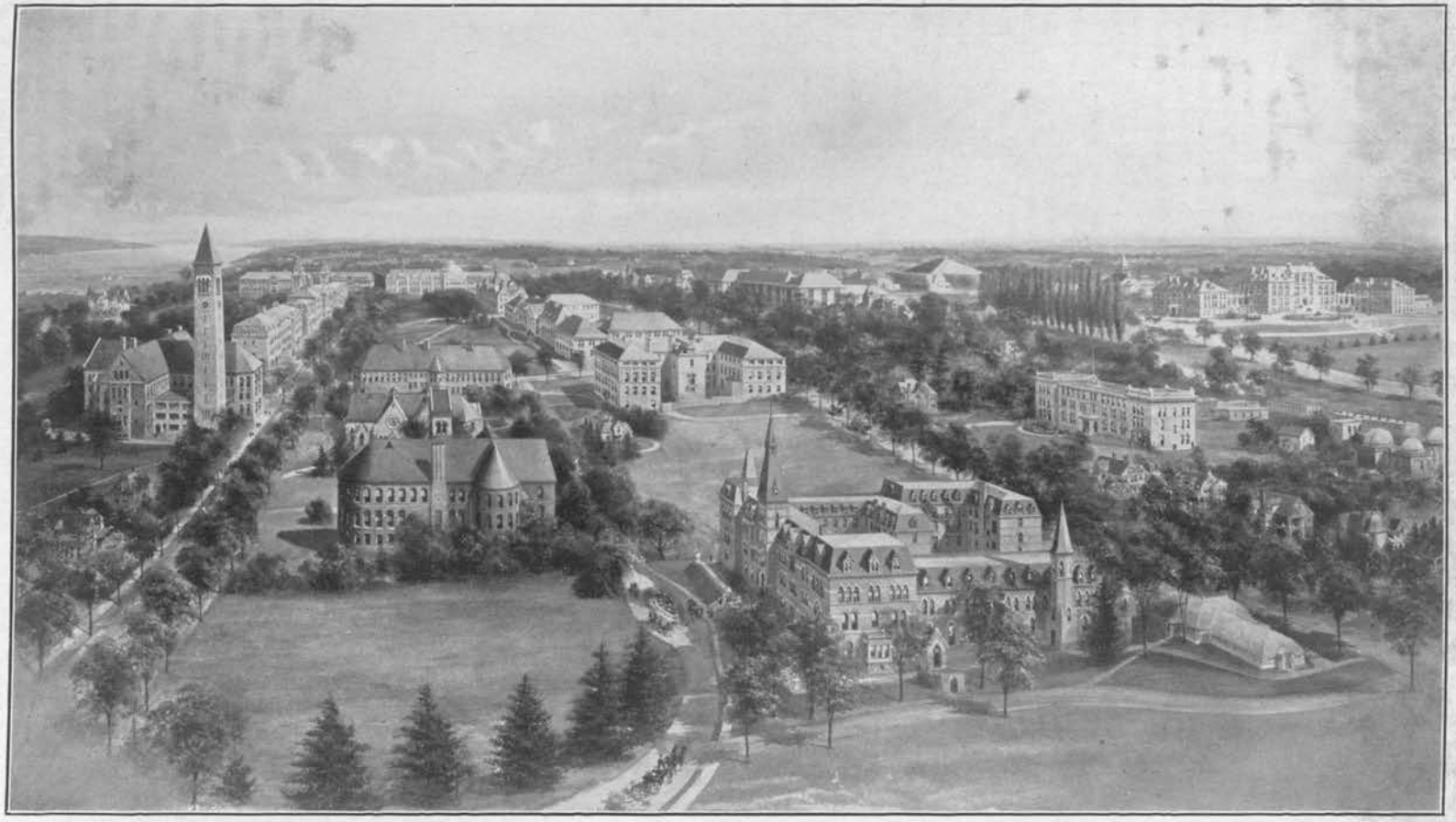
ʻ ʻ H>LJQ?>L)QFʻ/ʻ 5*2%9 $ #<ʻ ;#-ʻ'-ʻ -.!%-5ʻ%-5ʻ05*2%$05ʻ%$ʻ $,Oʻ -'70#+'$8ʻ 6ʻ E6 #5ʻ #$1ʻ80%#+ʻ,Oʻ1%+ʻ% 60!! 1ʻ'-ʻ]*00-⇩+ʻ !!0.0ʻ 0ʻ%220:$05ʻ%ʻ:# 9 60++ #+,'-ʻ'-ʻ !*4;'% !!0.Oʻ H$,0-ʻ'-.⇩+F '-ʻ>LONʻ%-5ʻ% 80%#!%$0#1%+ʻ4%50ʻ:#0+'50-$ʻ -ʻ>LLMʻ,Oʻ1%+ʻ%22*+05ʻ6ʻ$,Oʻ%*$,#+,':ʻ 6ʻ% :%4:,!0$1,'2,ʻ2 -$%'-05ʻ *$+:30-ʻ! 8%!'+$ +0-$'40-$+ʻ%-5ʻ,Oʻ6!05ʻ$ʻ -.!%-5ʻ$ʻ0+2%:Oʻ 4 ;'7'!0-20ʻ 0ʻ1%+ʻ+*;+0U*0-$!8ʻ% :#0%2,0#%$ E6 #5ʻ ʻ ʻ

? ʻ ʻ ʻ H>)JPʻ ?>PKKFʻ/ ʻ$0%2,0#6 #ʻ6 #$8?6 *#80%#+ʻ'-ʻ$,Oʻ +10.ʻ-#4%!ʻ+2, !<1%+ʻ05*2%$05ʻ'-ʻ$,Oʻ :*;!'2ʻ+2, !+ʻ6ʻ01ʻ #3ʻ $%$0ʻ%-5ʻ%$ʻ$,Oʻ !;%-8ʻ-#4%!ʻ+2, !ʻ ,Oʻ1%+ʻ%++ 2'%$05ʻ1'$,ʻ #ʻ ,0!5-ʻ'-ʻ$,Oʻ +10.ʻ-#4%!ʻ+2, !ʻ6# 4ʻ '$+ʻ'-20:$'-ʻ$ʻ$,Oʻ$'40ʻ 6ʻ ,0# 50%$,

ʻ ʻ H>LQP?>)JPFʻ/ʻ 5*9 2%$ #ʻ .#%5*%$05ʻ 6# 4ʻ $,Oʻ -'70#+'$8ʻ 6ʻ E6 #5ʻH-.!%-5Fʻ>L)>ʻ Oʻ2%40ʻ$ʻ 40#'2%' 1'$,ʻ(+0:,ʻ #'0+$!08ʻ4<% %#ʻ'-ʻ>LPMʻ%-5ʻ1%+ʻ :# 60++ #ʻ 6ʻ 2,04'+$#8ʻ%$ʻ '23'-+ -ʻ !!0.Oʻ %-5ʻ$,Oʻ -'70#+'$8ʻ 6ʻ 0--+8!7%-'%ʻ Oʻ+*;+09 U*0-$!8ʻ;02%40ʻ:#0+'50-$ʻ 6ʻ$,Oʻ -'70#+'$8ʻ 6ʻ *$,ʻ %# !'-%ʻ *$,ʻ #ʻ 6ʻ $0E$;ʻ 3+ʻ -ʻ 2,04'+$#8ʻ%-5ʻ:!'$'2%!ʻ02 - 48ʻ ʻ ʻ

ʻ ʻ / ʻ -ʻ 05*2%$'-%!ʻ'-+$'9 $*$'-ʻ 0+$%;!'+,05ʻ'-ʻ>)QPʻ6 #ʻ$,Oʻ%57%-209 40-$ʻ 6ʻ+2'0-20ʻ%-5ʻ%#$ʻ;8ʻ 0$0#ʻ :0#ʻ% 6 #04 +$ 2'$'G0-ʻ:,'!%-$,# :'+$ʻ%-5ʻ 40#2,%-$ 6ʻ 01ʻ #3ʻ # 4ʻ$,Oʻ6'#+$ʻ$,Oʻ4 +$ʻ'4:#9 $%-$ʻ1 #3ʻ 6ʻ$,Oʻ'-+$'$*$'-ʻ,%+ʻ;00-ʻ:0#6 #405ʻ $,# *.,ʻ'$+ʻ070-'-.ʻ2!%++0+ʻ'-ʻ 1,'2,ʻ>MN>Q)ʻ +$*50-$+ʻ 10#Oʻ0-# !!05ʻ5*#'-.ʻ$,Oʻ6'#+$ 6'6$8ʻ 80%#+ʻ 6ʻ'$+ʻ0E'+$0-20ʻ ,Oʻ070-'-.ʻ2 *#+0+ʻ%$ʻ :#0+0-$#0:#0+0-$05ʻ'-ʻ$,Oʻ'-+$'$*$'-ʻ'-2!*50ʻ% 6'70?80%#2 *#+0ʻ'-ʻ2,04'+$#8ʻ%6 *#?80%#2 *#+0ʻ'-ʻ0!02$#'9 2%!ʻ0-.'-00#'-.ʻ%-5ʻ2 *#+0+ʻ 6ʻ+, #$0#!0-.$,ʻ'-ʻ 402,%-'2%!ʻ%#2,'02*#%!ʻ%-5ʻ 6#00,%-5ʻ5#%19 '-.ʻ502 #%$'70ʻ50+'.-ʻ%-5ʻ2!%8ʻ4 50!'-.ʻ ,Oʻ + ?2%!!05ʻ2 *#+0ʻ'-ʻ.0-0#%!ʻ+2'0-20ʻ1,'2,ʻ,%+ʻ ;00-ʻ'-ʻ :0#%$'-ʻ+'-20ʻ>)OMʻ'+ʻ% 5'+$'-2$'70ʻ 60%$*#0ʻ 6ʻ$,Oʻ'-+$'$*$'-ʻ ,'+ʻ2 *#+0ʻ1,'2,ʻ 5#%1+ʻ%4;'$'*+ʻ%-5ʻ+$# -.?:*#:+05ʻ8 *-.ʻ 40-ʻ6# 4ʻ$,Oʻ5#%6$'-.ʻ# 4+ʻ0-.'-00#'-.ʻ66'20+ʻ %-5ʻ+, :+ʻ 6ʻ$,Oʻ2'$8ʻ,%+ʻ.#%5*%!!8ʻ;02 40ʻ% 2 *#+0ʻ'-ʻ$,Oʻ6*-5%40-$%!+ʻ 6ʻ402,%-'2%!ʻ%-5ʻ 2'7'!ʻ 0-.'-00#'-.ʻ 04;#%2'-.ʻ '-+$#*2$'-ʻ '-ʻ 4%$,04%$'2+ʻ+2'0-20ʻ5#%1'-.ʻ%-5ʻ$02,-!.8ʻ %-5ʻ#0U*'#'-.ʻ%$$0-5%-20ʻ6 # 6 *# # 6'70ʻ070-9 '-.ʻ% 1003ʻ6 # % :0#ʻ 5ʻ 6ʻ6'70ʻ80%#+ʻ ,Oʻ 0-# !!40-$ʻ'-ʻ$,Oʻ6'6$,ʻ80%# 6ʻ$,'+ʻ2 *#+0ʻ'+ʻ %;*$ QKʻ:0# 20-$ʻ 6ʻ$,%$ʻ'-ʻ$,Oʻ6'#+$ 80%#ʻ *#'-.ʻ$,Oʻ6'6$8ʻ80%#+ʻ 6ʻ'$+ʻ0E'+$0-20ʻ'$ʻ ,%+ʻ .#%5*%$05ʻ+40ʻLPJʻ+$*50-$+ʻ4%-8ʻ 6ʻ 1, 4ʻ -1ʻ6'!!ʻ:+'$'-+ʻ 6ʻ4*2,ʻ#0+:-+';'!'$8ʻ'-ʻ 7%#'*+ʻ!'-0+ʻ 6ʻ0-.'-00#'-.ʻ;*+'-0++ʻ%-5ʻ4%-*9 6%2$*#0ʻ ʻ %8ʻ 02,-'2%!ʻ 2, !ʻ,%+ʻ;00-ʻ 4%'-$%'-05ʻ+'-20ʻ>PKKʻ ,Oʻ6 *#?80%#2 *#+0ʻ 04;#%20+ʻ'-+$#*2$'-ʻ'-ʻ 4%$,04%$'2+ʻ+2'0-20ʻ %-5ʻ$02,-!.8ʻ%-5ʻ%66 #5+ʻ$#%'-'-.ʻ'-ʻ2'7'!ʻ 402,%-'2%!ʻ%-5ʻ 0!02$#'2%!ʻ 0-.'-00#'-.ʻ ,Oʻ 4%-⇩+ʻ #$ʻ 2, !ʻ6 #'-+$#*2$'-ʻ'-ʻ$,Oʻ%#$+ʻ 6ʻ50+'.-ʻ,%+ʻ;00-ʻ%60%$*#0ʻ 6ʻ$,Oʻ'-+$'$*$'-ʻ +'-20ʻ'$+ʻ6 *-5%$'-ʻ -ʻ -ʻ%55'$'-ʻ5%8ʻ2 *#+0+ʻ '-ʻ+$0-.#%:,8ʻ%-5ʻ$0!0.#%:,8ʻ%#0ʻ4%'-$%'-05ʻ ,Oʻ0-# !!40-$ʻ6 #ʻ$,Oʻ80%#ʻ>PKP?>P>Kʻ1%+ʻ NQNMʻ'-ʻ$,Oʻ070-'-.ʻ2 *#+0+ʻ%-5ʻONOʻ'-ʻ$,Oʻ 5%8ʻ2 *#+0+ʻ ʻ 6#00ʻ:*;!'2ʻ!';#%#8ʻ0+:02'%!!8ʻ +$#-.ʻ'-ʻ$02,-'2%!ʻ%-5ʻ%#$ʻ1 #3+ʻ'+ʻ4%'-$%'-05ʻ ;8ʻ$,Oʻ -' -ʻ%+ʻ10!!ʻ%+ʻ%ʻ4*+0*4ʻ6ʻ502 #%$'70ʻ %#$ʻ2 -$%'-'-.ʻ70#8ʻ7%!*%;!Oʻ%-5ʻ2 4:#0,0-9 +'70ʻ2 !!02$'-+ʻ !!ʻ '-+$#*2$'-ʻ %$ʻ :0# -'-ʻ'+ʻ6#00ʻ ,Oʻ;*5.0$ʻ6 #ʻ$,Oʻ80%#ʻ 0-5'-.ʻ(*!8ʻ>ʻ >P>Kʻ1⇨%+ʻ)>OO JPQʻ ,Oʻ'-9 +$'$*$'-ʻ'+ʻ4%'-!8ʻ+*::#05ʻ;8ʻ0-5 140-$ 6*-5+ʻ %4 *-$'-.ʻ$ʻ)N LPL LNL OLʻ ,%#!0+ʻ ʻ '2,%#5+ʻ ʻ'+ʻ5'#02$ #ʻ ʻ ʻ

ʻ ʻ 9 ʻ ʻ / ʻ -ʻ %++ 2'%$'-ʻR'1,'2,ʻ 660#+ʻ%ʻ2,0%:ʻ%-5ʻ,0%!$,8ʻ,!'5%8ʻ-ʻ+'4:!0ʻ !'-0+ʻ2 4;'-'-.ʻ%!!ʻ:,8+'2%!ʻ%-5ʻ'-$0!!02$*%!ʻ 0-& 840-$S ʻ ,Oʻ4 7040-$ʻ'+ʻ5'+$'-.*'+,05ʻ 6# 4ʻ$,Oʻ ,%*$%*U*%ʻ 7040-$ʻ 4<% %#ʻ'-ʻ 40#'2%ʻ;8ʻ$,Oʻ6%2$ʻ$,%$ʻ'$ʻ%'4+$ʻ#0%2,ʻ$,ʻ+0ʻ 1,ʻ1 #3ʻ'-ʻ$,Oʻ4'!!+ʻ'-ʻ$,Oʻ+,:+ʻ%-5ʻ+$ #0+ʻ %-5ʻ$,%$ʻ4 #0ʻ04:,%+'+ʻ'+ʻ:!%205ʻ-ʻ,0%!$,8ʻ :,8+'2%!ʻ#02#0%$'-ʻ$,%-ʻ*:-ʻ'-$0!!02$*%!ʻ'49 :# 7040-$ʻ $ʻ%# +0ʻ *$ʻ 6ʻ%ʻ#%4;!'-.ʻ2!*;



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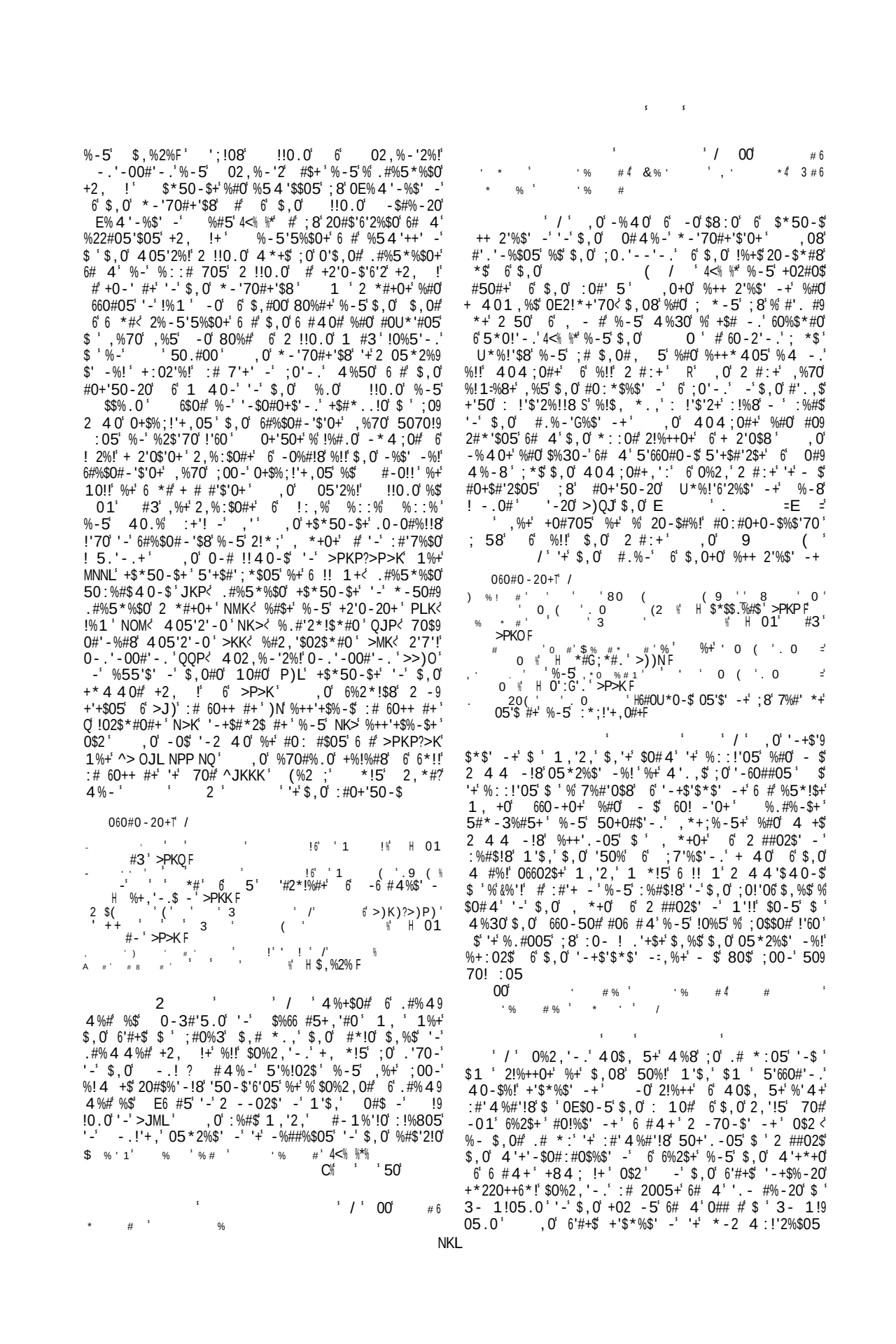

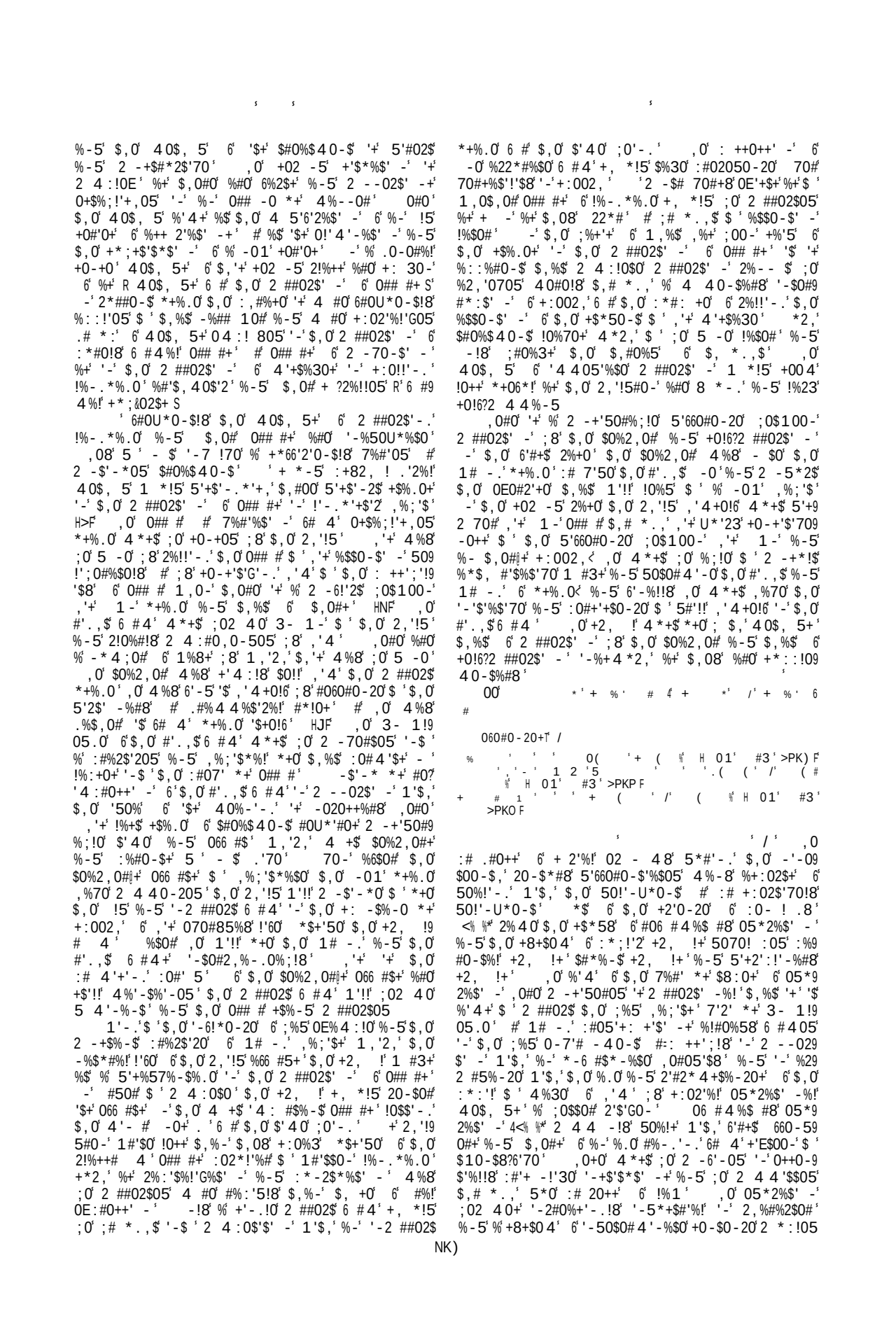

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#50#' ,0' ! .'2%!' #50#' '4 :!'0+' %-8' +8+9 $04%$'2' 5070! :40-$' 6'$,0'+';&02$'6# 4' :#049 '+0+'$'%! .'2%!' 2 -2!*+' -' ,0' :+82, ! .'2%!' #50#' '4 :!'0+' +*2,' %-' %###%-.040-$' %+' %: :0%!+' $'$,0' 2,'!5▯+' -$0#0+$+' %-5' : 10#+' 6' 2 4 :#09 ,0-+' -' ,0' :+82, ! .'2%!' #50#' '-7 !70+' 20#9 $%'-' ! .'2%!' :#'-2':!0+' 6' %##%-.040-$';*$' - $ %!' ! .'2%!' %###%-.040-$'+' 0660 2$'70' '-' '$+' :+89 2, ! .'2%!' %: :0%!' -' !0%#-'-.' 1#'$$0+' !%-9 .*%.0' '$'+' ! .'2%!' $ ';0.'-' 1'$,' $,0' !0$$0#+' 1070#'$'+' - $'%. 5' :+82, ! .'2%!' #50#' $ ' 4%30' +*2,' %;0.'--'-.' 0+:02'%!!8' 1'$,' !'$$!0' 2,'!5#0-' -$'!' $,08' %#0' 2 4;'-05' '-' 1 #5+' !0$$0#+' %#0' 40%-'-.!0++' %-5'%+' %#*!0' *-'-$0#9 0+$'-.' %;+$#%2$' -+' ,0' -%$*#%!' #' :+82, 9 ! .'2%!' 6'#+$ +$0:' '+' $ ';0.'-' 1'$,' 1 #5+' %-5' +0-$0-20+' 1,'2,',%70' 40%-'-.+'%-5' 4%8' 0%+'!8' ;0'-$0#0+$'-.' ,0'%!:,%;0$'2' 40$, 5'+'! .'2%!' ;*$'-$':+82, ! .'2%!<' $,01 #5' 40$, 5'+'!;$, N' ,0-' -0':0%3+' 6' 2 ##0!%$' -'-'-05*2%9 $'-'$'+' #5'-%#'!8' $,0'+02 -5'$8:0'$,%$'+'-' 4'-5'$,%$'+'$,0'-$0##0!%$' -' 6'+*;&02$+''-'$,0' 2*##'2*!*4' *2,' 2 ##0!%$' -' 4%8' ;0' 6' $1' + #$+' 1,'2,' 4%8' ;0' 2%!!05' -2'50-$%!' %-5' +8+9 $04%$'2' -2'50-$%!' 2 ##0!%$' -''+' $,%$' 1,'2,' %#'+0+' %+' %' #0+*!$' 6' $,0';# %5':#0+0-$%$'-' 6'% $:'2' $ ' % 2!%++' 6' $,0' $0%2,0#'+' .'7'-.' % ,'+$ #8' !0++ -' -' $,0' 5'+2 70#8' 6' 40#'2%' ;8' !*4;*+'%-5' 4%30+'*+0' 6'%#'$,40$'2'.0 409 $#8'.0 .#%:,8'-%$*#%!',+$ #8'!'$0#%$*#0'%-5' 5#%1'-.'%+' %40%-+' 6'5070! :'-.''-$0#0+$'-'$,0' 2!%++'%-5'.'7'-.'% 2 4:#0,0-+'70'-$' -' 6'$,0' 070-$'+,0'+'04:! 8'-.'2 ##0!%$' -' 8+$04%9 $'2' 2 ##0!%$' -''-7 !70+'+*2,'%###%-.040-$' 6'$,0' 2 -$0-$' 6'$,0'7%#' *+'+*;&02$+''-'$,0'2*##'2*!*4' %+' 4%30+'$,04'2 -+$%-$!8';0%#*:-'0%2,' $,0#' ,0' 5%8▯+' 1 #3' '-' %#'$,40$'2'6#0E%4:!0'+' :!%--05'-$'40#0!8'$''+:#'-.' *$' 6'$,0':#0205 9 '-.'!0++ -''-'%#'$,40$'2'%-5'$'!0%5'$'$,0'6!9 ! 1'-.'!0++ -''-'$,%$'+*;&02$';*$'%!+''$''$,0'% -%$*#%!' *$2 40' 6'$,0'1 #3' 1,'2,',%+&*+$';00-' 5 -0'-'.0 .#%:,8'-%$*#0'+$*58'2 -+$#*2$'70' 1 #3' #:0#,%:+' 070-',+$ #8'%-5'!'$0#%$*#0' %-5'$':#0:%#0'6#'4405'%$0' -1%#5':# .#0++' '-'%!!'$,0+0'!'-0+' -2'50-$%!'2 ##0!%$' -'%#'+0+' 6# 4'5%8'$'5%8'%-5'+'%-020++'$8' 6'. 5' $0%2,'-.< +8+$04%$'2' 2 ##0!%$' -' #0U*'#0+'% :!%--'-.' *$' 6'$,0' 1, !0' 2 *#+0' 6' +$*58' 8+$04%$'2' 2 ##0!%$' -' 4%8' ;0' 4'-*$0'%-5' +:02'6'2' #40#0!8'.0-0#%!'%-5'! +0''-2,%#%2$0#' ,0' 5%'!8' 1 #3''-'0%2,'+*;&02$'4%8';0' 4%50' $';0%#' -'$,0'5%'!8' 1 #3''-' 2 ##0!%$05' -0+' ,0' $:'2+'4%8';0' +0!02$05'$'2 ##0+:-5'%+' 2! +0!8'%+':++';!0' # 0E%4:!0'$,0','+$ #8' $,0'.0 .#%:,8'$,0'5#%1'-.'$,0'-%$*#0'+$*58' $,0'%#'$,40$'2' $,0'!'$0#%$*#0'%-5'2 4:+'9 $'-'4'.,$'50%!'1'$,'$,0'5'+2 70#8'6' 40#'2%' !''+'1 *15';0'2! +0'2 ##0!%$'-' -'$,0'$,0# ,%-5'$,0'2*##'2*!*4'4%8';0':!%--05'40#0!8' $'4%30''$'!'30!8'$,%$'1,0-'%$':'2''+'$%30-' *.'-'%20#$%'-'+*;&02$'$,0':*:'!'1'!!';0'-' $,0':++0++'-'6'+*2,'3-1!05.0'6# 4' $,0#' +*;&02$+'%+''+' -020++%#8'$''$+'%50U*%$0'2 49 :#0,0-+'-' ! +0'2 ##0!%$'-''+':$'$' ;09 2 40'+*:0#6'2'%!'%-5'#'5'2*! *+' #'0E%4:!0 $,0'$':'2' 6'$,0'+2, !'5%8'4'.,$';0'$,0'0..' 1,'2,'2*!5';0'+$*5'05' -$' -!8'6# 4' $,0' :'-$'6'7'01' 6'-%$*#0'+$*58';*$'%+'$,0'$,040' 6' $,0#!0++ -+' $'2*!5';0'5#%1-'40%+*#05' %-5'10'.,05' $'2*!5';0'+$*5'05'%+'%-'%#$'2!0' 6'$#%50''-'2 440#2'%!'.0 .#%:,8' '$0#%$*#0' 50%!'-.'1'$,'$,0'0..'4'.,$';0'6 *-5<'6'-$,'-.' 0!+0'$,0-' *4:$8' 6'$,0'+2, !'$'+02*#0'$,0'%++'+$%-20' 6'$,0', 40'-'2 -$# !!'-.'$,0'2,'!5'%-5''-''-$0#0+$'-.',' 4'-''$+' 1 #3' *#$,0#'#0+*!$+'6!!1'6# 4'$,0' 0+$%;!'+,40-$' 6'2 #5'%!'#0!%$'-+';0$100-'$,0' $1''-+$'$*$'-+' ,0+0'%#0'H>F' ,0'+2, !''+%;!0'$'!0%#-'4#0'%;*$'$,0'-'5'7'5*%!'$8' 6' $,0':*:'!+';8'.0$$'-.'$,0'+*..0+$'-+'6'$,0':%#9 0-$+'%-5';8'+$*58'-.', 40'0-7'# -40-$+'%-5' ,0#05'$%#8'$#%'$+' HNF' ,0'+2, !.0$+'$,0'2 9 :0#%$'-' 6':%#0-$+'-$ -!8''-'5'+2':!'-0';*$ %!+''-'2 --02$'-'1'$,'$,0'+$*5'0+':*#+*05' 0-20'10',%70', 40'1 #3'#0:#$2%#5+'%-5' +'4'!%#:#%2$'20+' HJF' ,0'+2, !'0-50%7#+'$' $#%-+6#4'$,0', 40'$,#*.,''$+'05*2%$'70'-9 6!*0-20'-'$,0'2,'!5#0-'-'$,'+'2 --02$'-' $,0'2!*;+'6'$,0'+2, !':%#0-$+▯400$'-.+'0$2' %#0'*$'!'G05 ,0':#;!04'6'2 ##0!%$'-.'$,0'+2, !'1'$,' $,0'7 2%$'-',+'!05'$''$,0'#'+0'6'7 2%$'-%!' +2, !+'%-5'$,0''++*0'6'7 2%$'-%!'05*2%$'-

,'+ '+ 5'+2*++05 '-ꞌ+:02'%!ꞌ %#$'2!0+ꞌ ,0 '50%
6 #0!%$'-.ꞌ$,0 +2, !ꞌ$ ꞌ!'60 '-ꞌ.0-0#%!ꞌ ,%+ '-9
7 !705 0+:02'%!!8 $,0 %$$04 :$ $ ꞌ $#%-+6 #4 $,0
+2, !ꞌ %2$'7'$'0+ + ꞌ$,%$ $,08 +, *!5 + ꞌ6%# %+
: ++' ;!0 #0+04 ;!0 $,0 2 -2#0$0 +'$*%$' -+ '-ꞌ$,0
1 #!5 %$!%#.0ꞌ ,0 0-50%7 # $ ꞌ ;#'-.ꞌ%; *$
$,'+ #0+*!$'+ -0 6 $,0 !0%5'-.ꞌ60%$*#0+ 6 +2, !ꞌ
#06 #4 $?5%8ꞌ $,%+ $%30-ꞌ$,0 6 #4 6 %$9
$04 :$+ $ ꞌ 4%30 $,0 +2, !ꞌ%:!%20 6 + 2'%!ꞌ 2 9
:0#%$' -ꞌ #%$,0# $,%-ꞌ 6 '-5'7'5*%!ꞌ !0%#-'-.
$ ꞌ2 --02$ $,0 #8 1'$,ꞌ:#%2$'20 ;8 2%*+'-.ꞌ$,0
2,'!5 $ ꞌ%::!8 1,%$070# ,0 !0%#-+ # $ ꞌ!0%#-
$,# *.,ꞌ5 '-.ꞌ # :0#,%:+ 40#0!8 %+ %-ꞌ'-2'50-$
$ ꞌ $,0 + !*$' -ꞌ 6 20#$%'-ꞌ:#%2$'2%!ꞌ :# ;!04+
$,%$ %#'+0 '-ꞌ$,0 +2, !ꞌ!'60 %-5 6'-%!!8 $ ꞌ 4%30
+*#0 $,%$ $,0 :# ;!04+ 6 $,0 +2, !ꞌ #0:#0+0-$
$8:'2%!ꞌ -0+ '-ꞌ #0%!ꞌ !'60 H 00 ; # % ꞌ
, ꞌ *5

,0 :#'-2':!0 6 2 ##0!%$' -ꞌ ,%+ %::0%#05
1,0#070# 05*2%$' -%!ꞌ #06 #4 ,%+ #0%2$05
%.%'-+$ $,0 '+ !%$' -ꞌ%-5 402,%-'2%!ꞌ 2,%#%2$0#
6 +2, !ꞌ 1 #3ꞌ $ '+ 0+:02'%!!8 '-ꞌ07'50-20 '-ꞌ
$,0 2#'$'2'+4+ 6 $,0 #0%!'+$+ 6 $,0 +070-$00-$,ꞌ
%-5 0'.,$00-$,ꞌ 20-$*#'0+ *:-ꞌ $,0 !'-.*'+$'2
'-+$#*2$' -ꞌ'-ꞌ$,0 +02 -5%#8 +2, !+ $ 1%+
*#.05 $,%$ 3- 1!05.0 +, *!5 ;0 4%50 4 #0
:#%2$'2%!ꞌ $,%$ 1 #5+ +, *!5 ;0 $%*.,$ -!8 '-ꞌ
2 --02$' -ꞌ1'$,ꞌ$,'-.+ꞌ%-5 $,%$!'7'-.ꞌ%+ 10!!ꞌ%+
50%5 !%-.*%.0 $,+ , *!5 #020'70 %$$0-$' -ꞌ'-ꞌ$,0
+2, !+ꞌ 40-'*+ Hc [F 0+:02'%!!8 4%8 ;0 #09
.%#505 %+ %-ꞌ%57 2%$0 6 2 ##0!%$' -ꞌ ;0$100-ꞌ
!%-.*%.0 %-5 +2'0-20ꞌ +2, !ꞌ%-5 , 40ꞌ$,0 #8
%-5 :#%2$'20 ,0 #0-2,ꞌ#06 #40#ꞌ (%2 $ $
<% *6 :*+,05 $,0 '50% $ ꞌ % + 401,%$ 0E$#040
2 -2!*+' -ꞌ'-ꞌ,'+ 4%E'4 R %!!ꞌ '+ꞌ'-ꞌ%!! S %?:#%29
$'2%!ꞌ %:!'2%$' -ꞌ 6 1,'2,ꞌ'+ 6 *-5'-ꞌ-,'+ 7'01
$,%$ % $, # *.,ꞌ +$*58 6 $,0 . <0ꞌ 6
"-0! -ꞌ 1 *!5 '-7 !70 % 2 4 :!0$0 05*2%$' -ꞌ
$ '+ꞌ , 1070#ꞌ 0+:02'%!!8 $ ꞌ 0#;%#$ %-5 ,'+
6 !! 10#+ $,%$ 10 10 $,0 4 50#-ꞌ 04:,%+'+
*:-ꞌ$,0 :#'-2':!0 *-50# 5'+2*++' -ꞌ '+ - 9
$' -ꞌ 6 %::0#20:$' -ꞌ 1,0-ꞌ%::!'05 ; $,ꞌ $ ꞌ
40$, 5 %-5 $ ꞌ$,0 2 *#+0 6 +$*58 40%-$ 2 -9
+$%-$ '-$0##0!%$' -ꞌ 6 $,0 4%$0#'%!ꞌ 6 '-+$#*29
$' -ꞌ -5005 ,'+6 !! 10#+'-$0#:#0$05 $,'+8+9
$04 %-5 * -'$8 $ ꞌ'-7 !70 2 -20-$#%$' -ꞌ $'!9
'G'-.ꞌ 20#$%'-ꞌ ,'-$+ 6 $,0 4%+$0#ꞌ Z'!!0# 4<% %*
5070! :05 $,0#06# 4 $,0 :!%-ꞌ 6 '-+$#*2$' -ꞌ
,%7'-.ꞌ,'+$ #8 %+ '$+ 20-$0# %-5 $,0 - $' -ꞌ 6
$,0 2*!$*#0 0:2,+ 4<% * %+ '$+ :#'-2':!0 6 %#9
#%-.040-$,0 '50% 6 2 ##0!%$' -ꞌ 1%+ 4%50
:# 4'-0-$ '-ꞌ $,0 -'$05 $%$0+ $,# *.,ꞌ $,0
'-6!*0-20 6 $,0 0#;%#$'%-+ ꞌ%-5 $,0 ;#'!!'%-$
%57 2%28 6 ! -0! %#30# 4<% %* $+0'G05 $,0
%$$0-$' -ꞌ 6 $,0 $0%2,0#+ꞌ'-ꞌ.0-0#%!ꞌ %-5 1%+
4%50 $,0 20-$#%!ꞌ :#'-2':!0 '-ꞌ % :# : +05 #09
#.%-'G%$' -ꞌ 6 $,0 +02 -5%#8 +2, !ꞌ :# .#%4
+*;4'$$05 ;8 $,0 4 4'$$00 6 0-ꞌ Hc % F $
$,0 %$' -%!ꞌ 5*2%$' -%!ꞌ ++ 2'%$' -ꞌ'-ꞌ >)PM
,'+ 1%+ 6 !! 105 ;8 %+'4'!%# +2,040 :# : +05
6 # 0!040-$%#8 05*2%$' -ꞌ ;8 $,0 4 4'$$00 6
'6$00-ꞌ 4<% %* %-5 #0: #$05 $ ꞌ$,0 +%40 ++ 2'%9
$' -ꞌ'-ꞌ >)PQꞌ ,0+0 +2,040+ ,%70 ;00-ꞌ 2#'$'9
2'G05 %+ - $:# 7'5'-.ꞌ.0-*'-0 2 ##0!%$' -ꞌ ; *$
$,08 4%#3 $,0 : '-$ 6 ,'.,0+$ .0-0#%!ꞌ '-$0#0+$
'-ꞌ$,'+:02'6'2 $:'2'-ꞌ$,0 -'$05 $%$0+ꞌ $ '+
'-$0#0+$'-.ꞌ$ ꞌ - $0ꞌ$,%$ $,0 2 4 4'$$00+ 049
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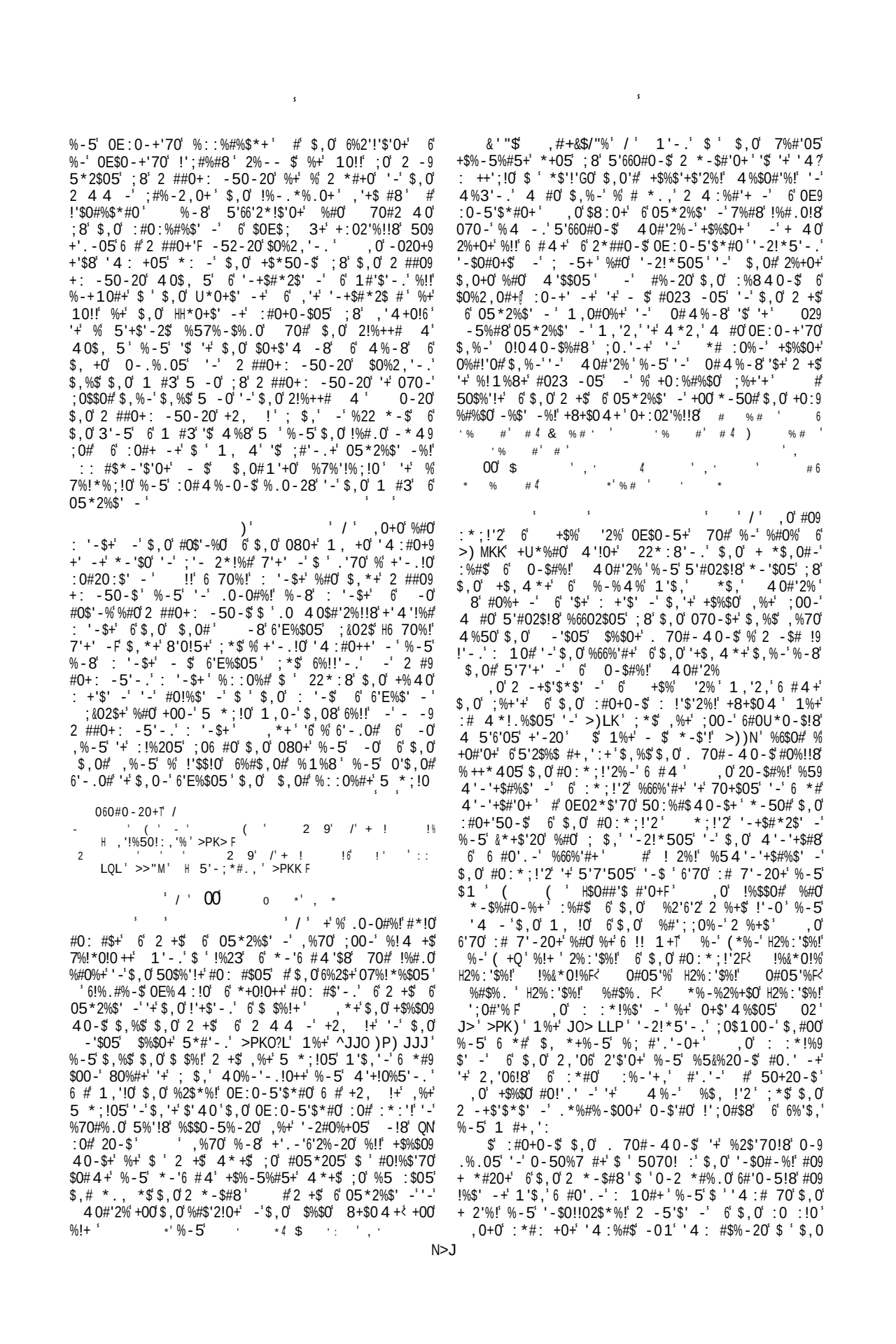
1ʻ $,0ʻ '-'$'%$'70ʻ 6ʻ$,0ʻ "-'70#+'$8ʻ 6ʻ ,'2%.ʻ ##0+: -50-20ʻ+$*58ʻ$,*+ʻ ,%5ʻ%ʻ *-'70#+'$8ʻ #'.'-ʻ%-5ʻ 10+ʻ'$+ʻ#02 .-'$' -ʻ%+ʻ%ʻ!0.'$'4%$0ʻ 40$, 5ʻ 6ʻ*-'70#+'$8ʻ'-+$#*2$' -ʻ2,'06!8ʻ$ʻ #ʻ '!!'%4ʻ ʻ %#:0#ʻ$ʻ1, 4ʻ2#05'$ʻ'+ʻ5*0ʻ%!+ʻ 6 # $,0ʻ'-+:'#%$' -ʻ1,'2,ʻ!05ʻ$ʻ$,0ʻ0+$%;!'+,9 40-$ 6ʻ$,0ʻ6'#+$ +2, !ʻ;%+05ʻ+$#'2$!8ʻ*: -ʻ$,0ʻ 2 ##0+: -50-20ʻ+$*5 Ć'50%ʻ-%40!8ʻ$,0ʻ' :#%.*0ʻ ##0+: -50-20ʻ 2, !ʻ 6ʻ %1ʻ #.%-'G05ʻ'-ʻ >)PK%-5ʻ'-2 #: #%$05ʻ'-ʻ P> $'+ʻ - $ʻ$ʻ *-'70#+'$8ʻ+ *#20+ʻ%! -0ʻ, 1070#ʻ $,%$ʻ$,0ʻ2 ##0+: -50-20ʻ+2, !+ʻ 6ʻ$?5%8ʻ 10ʻ $,0'# '50%ʻ%-5ʻ$,0'# #'.'-ʻ ,08ʻ,%70ʻ%-9 $,0# %-5ʻ U*'$0ʻ '-50:0-50-$:%#0-$%.0ʻ -ʻ %ʻ5%'!8ʻ:%:0# :*;!'+,05ʻ'-ʻ ,0-%-5 %,ʻ'-ʻ$,0ʻ 2 %!?4'-'-.ʻ 5'+$#'2$ 6ʻ0%+$0#-ʻ 0--+&57%-'%ʻ $,0#0ʻ1%+ʻ'-ʻ$,0ʻ0'.,$'0+ʻ%50:%#$40-$ʻ507 $05ʻ $ʻ$,0ʻ05*2%$'-ʻ 6ʻ4'-0#+ʻ'-ʻ$,0ʻ:#'-2':!0+ʻ 6ʻ 4'-'-.ʻ%-5ʻ$,0ʻ40$, 5+ʻ 6ʻ:# 02'-.ʻ$,049 +0!70+ʻ6# 4ʻ$,0ʻ5%-.0#+ʻ 6ʻ$,0'# 2%!!'-.ʻ '-0ʻ 6 #040-ʻ10#0ʻ#0U*'#05ʻ$ʻ :%+#ʻ%-ʻ0E%4'-%$' -ʻ RʻS'-ʻ$,0ʻ!%1+ʻ 6ʻ4'-0ʻ70-$'!%$' -ʻ+%60ʻ40$, 5+ʻ 6ʻ4'-'-.ʻ%-5ʻ$,0ʻ40%-+ʻ 6ʻ2 -$# !!'-.ʻ5%-.0#9 *+ʻ -%$*#%!ʻ :,0- 40-%ʻ '-2'50-$ $ʻ 2 %!9 4'-'-.Sʻ ,0ʻ05'$ #ʻ,%5ʻ #.%-'G05ʻ%ʻ4'-'-.ʻ '-+$'$*$0ʻ1'$,ʻ%-ʻ05*2%$' -%!ʻ ;&02$ʻ%-5ʻ,%5ʻ #0:*;!'+,05ʻ%-5ʻ2'#2*!%$05ʻ+ 40ʻ 6ʻ$,0ʻ ;0+$ʻ 6 #0'.-ʻ ; 3+ʻ -ʻ$,0ʻ:#070-$'-ʻ 6ʻ4'-0ʻ%22'9 50-$+ʻ 0ʻ$,0-ʻ2 -20'705ʻ$,0ʻ'50%ʻ 6ʻ507 $'-.ʻ %2!*4-ʻ 6ʻ,'+ʻ:%:0#ʻ$ʻU*0+$' -+ʻ%-5ʻ%-+10#+ʻ #0!%$'-.ʻ$ʻ4'-'-.ʻ ,0ʻU*0+$' -+ʻ 6ʻ$,0ʻ '-0ʻ E%4'-'-.ʻ %#5ʻ10#0ʻ+$%$05ʻ0E:!%'-05ʻ%-5ʻ '!!*+$#%$05ʻ ʻ+4%!ʻ$0E$; 3ʻ -ʻ2%!?4'-'-.ʻ 1%+ʻ:*;!'+,05ʻ6 # $,0ʻ*+0ʻ 6ʻ4'-0ʻ6 #040-ʻ -ʻ>)P>%2 *#+0ʻ2 70#'-.ʻ$,0ʻ+*;&02$+ʻ 6ʻ2 %!9 4'-'-.ʻ4'-0?+*#708'-.ʻ4'-0ʻ4%2,'-0#8ʻ0$2ʻ 1%+ʻ:#0:%#05ʻ%-5ʻ!%$0# 5070! :05ʻ-$ʻ%ʻ2 49 :!0$0ʻ 2 %!?4'-'-.ʻ2 *#+0ʻ -ʻ$,0ʻ+%40ʻ80%# $,0ʻ:!%-ʻ 6ʻ$0%2,'-.ʻ;8ʻ2 ##0+: -50-20ʻ1%+ʻ %5 :$05ʻ # 4ʻ$,'+?ʻ+'4:!0ʻ ;0.'--'-.ʻ,%+ʻ 5070! :05ʻ$,0ʻ -$0#-%$' -%!ʻ ##0+: -50-20ʻ 2, !+ʻ 6ʻ 2#%-$ -ʻ % ʻ1'$,ʻ2 *#+0+ʻ '-ʻ 4 #0ʻ$,%-ʻ$1 ʻ ,*-5#05ʻ+*;&02$+ʻ%-5ʻ1'$,ʻ+$*9 50-$+ʻ'-ʻ%!ʻ2'7'!'G05ʻ2 *-$#'0+ʻ 6ʻ$,0ʻ1 #!5 ,0ʻ 40$, 5+ʻ 6ʻ'-+$#*2$' -ʻ 04:! 805ʻ ;8ʻ $,0ʻ7%#' *+ʻ2 ##0+: -50-20ʻ+2, !+ʻ 5'660#ʻ'-ʻ 50$%'!+ʻ ;*$ʻ '-ʻ .0-0#%!ʻ $,08ʻ %#0ʻ :#%2$'2%!!8ʻ %+ʻ6 !! 1+˂ ʻ+8!!%;*+ʻ2 -$%'-'-.ʻ:0#,%:+ʻ%-ʻ *$!'-0ʻ 6ʻ$,0ʻ2 *#+0ʻ$ʻ ;0ʻ:*#+*05ʻ1'$,ʻ!0++ -ʻ %++'.-40-$+ʻ # !0++ -ʻ :%:0#+ʻ '+ʻ +0-$ʻ $ʻ $,0ʻ +$*50-$ʻ1'$,ʻ+:02'%!ʻ5'#02$' -+ʻ'-ʻ#0.%#5'$ʻ$,0ʻ 1 #3ʻ$ʻ ;0ʻ5 -0ʻ ʻ#0:#$*:-ʻ0%2,ʻ!0++ -ʻ 1'$,ʻ+*2,ʻU*0+$' -+ʻ%+ʻ$,0ʻ+$*50-$ʻ4%8ʻ50+'#0ʻ $ʻ%+3ʻ'+ʻ#0$*#-05ʻ$ʻ$,0ʻ$0%2,0#ʻ1 ,ʻ2 ##02$+ʻ $,0ʻ0## #+ʻ 6ʻ$,0ʻ#0:#$ʻ1#'$0+ʻ*:-ʻ'$ +*2,ʻ 2#'$'2'+4+ʻ%-5ʻ+*..'=+$' -+ʻ-+ʻ,0ʻ4%‰ʻ50+'#0ʻ$ʻ 4%30ʻ%-5ʻ#0$*#-+ʻ'$ʻ$ʻ$,0ʻ+$*50-$ʻ ,0ʻ$'40ʻ #0U*'#05ʻ6 #$,0ʻ2 4:!0$' -ʻ 6ʻ$,0ʻ2 *#+0ʻ7%#'0+ʻ 1'$,ʻ$,0ʻ%4 *-$%-5ʻ5'66'2*!$8ʻ 6ʻ$,0ʻ1 #3ʻ$ʻ ;0ʻ5 -0ʻ '$,ʻ$,'+ʻ50+2#':$' -ʻ 6ʻ$,0ʻ40$, 5ʻ 6ʻ'-+$#*2$' -ʻ 04:! 805ʻ ;8ʻ 2 ##0+: -50-20ʻ +2, !+ʻ'$ʻ1'!ʻ%:0#ʻ$,%$ʻ +40ʻ+*;&02$+ʻ!0-5ʻ $,04+0!70+ʻ4 #0ʻ#0%5'!8ʻ$,%-ʻ $,0#+ʻ$ʻ2 ##09 +: -50-20ʻ+$*58ʻ ʻ2 *#+0ʻ#0U*'#'-.ʻ0!%; #%$0



N>J

+8+$0 4 6 : * ; !'2 '-+$#*2$' - 1 , '2 , '+ $, 0 #0$'9 2%!!8 %$!0%+$ 10!! #.%-'G05%+%50 : %#$ 4 0-$'-$, 0 4 '-'+$#8 6 6 #0'. -%66%'#+%-5 &*+$'20 , 0 , 0%5 6 $, 0 50 : %#$ 4 0-$ %$: #0+0-$ 0- # - #0-0+ 0+0- ; 0%#+$, 0 66'2'%!'$'$!0 6 * ; ? +02#0$%#' 50 +$%5 0-0!+ 0+ : %2 , 50 -? +$#*22'5- '' ; !'2% , 0 +02#0$%#8 '+ %++'+$05 ; 8 %* -2'! %-5 %- -+ : 02$ #? 0-0#%! , 0 : !'$'2%!' 5'7'+' -+ 6 $, 0 2 *-$#8 6 #4 %#0%+6 # $, 0 %54'-'+$#%$' - 6 : #'4%#8 '-+$#*29 $' - , 0 : # 7'-20+ %#0 5'7'505 '-$ 2'#2*'$+ %-5 $, 0 !%$$0# '-$ 5'+$#'2$+ %2 , 5'+$#'2$, %+ '$+ +2 , ! ; %#5 1 , '2 , ! 3+%$0#$, 0 6'-%-2'%!' -$0#0+$+ 6 $, 0 +2 , !+ $, 0 . 70#- #+ 6 $, 0 +070#%!' : # 7'-20+ %#0 #0+ : -+ ; !0 6 # $, 0 0E02*9 $' - 6 $, 0 +2 , ! !%1'-$, 0 '# &*#'+5'2$' - , 0 $02 , -'2%!' 5'#02$' - 6 : * ; !'2 : #'4%#8 +2 , !+ , 1070#' '+ 0-$'#0!8 *-50# $, 0 . 70#-40-$ '-9 +:02$ #+ %++'.-05 $, 0 +070#%!' 5'7'+' -+ 1 , %#0 5'#02$!8 #0+ : -+ ; !0 $, 0 20-$#%!' %*$, #'$8 $, 0 , 0%5 6 0%2 , '2'#2*'$ 6 % 5'7'+' - $, 0#0'+ %-%++'+$%-$'-+ : 02$ # 1 , '2 40+'-$ '4 405'%$0 #0!%$' - 1'$, $, 0 : #'4%#8 +2 , !+ !040-$9 %#8 05*2%$' - '+ ; 8 !%1'2 4 : *!+ #8 6 # 2 , !5#0-+070-'$ '6 *#$00-'80%#+ 6 %.0'%-5'+ .#%$*'$ *+ '-' : * ; !'2 : #'4%#8 +2 , !+ , 0 +2 , !+ %#0 0+9 $%;!'+ , 05 %-5 : %#$!8 4%'-$%'-05 ; 8 $, 0 5'+9 $#'2$ +2 , ! ; %#5+ ; *$ $, 0 . 70#-40-$:%8+ $, 0 +%!%#'0+ 6 $0%2 , 0#+ %-5'%!+ %*.40-$+ $, 0 ! 2%! +2 , ! 6*-5+ ; 8 .#%-$+ 6# 4 $, 0 $#0%+*#8 66'2'%!' +$%$'+$'2+ 6 # >PK) .'70 JK KKK : * : '!+ '-%70#%.0 %$$0-5%-20 %$ $, 0 : * ; !'2 : #'4%#8 +2 , !+ , '+ '4 : !'0+ %-0 # !!40-$ 6 -0%#!8 MK KKK # %$!0%+$ >K 0# 20-$ 6 $, 0 : *!%$' - 1 , '2 , '+ %-*-*+*%!!8 , '. , #%$0 2 -+'50#'-. $, 0 .0-0#%! 2'#2*4+$%-20+ 6 $, 0 2 *-$#8 , 0 . 70#-40-$ %: : #'%$' -6 # : #'4%#8 +2 , !+ %!#0%58 %4 *-$+$ ^JNQ KKK %--*%!!8 %-5$, '+ +*4 1'!! ; 0'-2#0%+05 ; 8 $, 0 0E:0-5'$*#0 6 # $, 0 - #4%! +2 , ! 1 , '2 , %+ ; 00-: # &02$05 -% (%#.0 +2%!0 %-5 6 # $, 0 0-2 *#%.040-$ 6 '-9 5*+$#'%! 05*2%$' - 502#00 6 (*!8 >0 >PK) : # 7'505 6 # $, 0 : %840-$ 6 % 4 -$, !8 +*;+'58 6 ^NJN QK $ $, 0 4*-'2' : %!'$8 6 $, 0 20-$#%! 2%-$ - 6 $, 0 # 7'-20 6 !%&*0!%6 # $, 0 6 *-59 '-.%-5'+*: #$ 6 %+2 , ! $.'70'+-$#*2$' -'-' $, 0 4%-*6%2$*#0 6 %!! 3'-5+ 6 1 70-5 6%;#'2+ 0:$ NQ >PKP #0+'50-$ -G5!0G 6U*0G +'.-05 502#00+ 6 # $, 0 0+$%;!'+ , 40-$ 6 : #0 : %#%9 $ #8 +2 , !+ 6 %#$+ %-5 2#%$+ & (0 + ! / (* %-5 6 +2 , !+ 6 5 40+$'2 '-+$#*2$' - 6 # 1 40-'-$, 0 7%#' *+ : # b 2'%!' 2%: '$%!+ -%55'$' - $ $, 0 #0.*!%# +2 , !%+$'2 2 *#+0 $, 0 -01'#0.*!%$' -+ : #0+2#'; 0 $#%'-'-.'-'7%#' *+ 4%-*%!' ; #%-2 , 0+'-2!*5'-.2%#: 0-$#8 2%; '-0$ 1 #3 , #+0+, 0'-.'$%'! #'-. + , 04%3'-. : %'-$'-. %-5 $'--'-. -5 $, 0 1 40- 50 : %#$40-$'-+$#*2$' - 1'!! ; 0'.'70-'-2 3'-. 1%+, '-.'%-5'# -'-. +01'-. 0$2 %-5 +*2 , '; #%-2 , 0+ 6 , '. , 0# 4%-*%!' $#" -'-.'%+ %#0%: ! '2%; !0 $, *+0, !5 %#$+%-5 , 40+%-'9 $%$' - 400$ $, 0 '-2#0%+'-.0E:0-+0 6 4%'-$%'-'-. $, 0 : #'4%#8 +2 , !+ % !%1'1%+ : %++05 -5 0:$ NM >PK) 0+$%;!'+, '-.'% $%E 6 >K 20-$+ : 0# !'$0# 6 %!2 , ! %-5 $, 0# !'U* # + !5 '-$, 0 -%$' -%! 6%2$ #8 %-5 '$+ ; #%-2 , 0+ $, 0 #070-*0 $, 0#0; 8 50#'705 $. $ $ % 6*-5 3- 1-%+ $, 0 R -%$' "'%! 05*2%$' -6*-5 S $ $, 0 +02 -5 0-$#%! 40#'2%-60#0-20 , 0!5%$ %-%!7%5 #'->P>K : # 7'+' -1%+4%50 6 # 0+$%;!'+, '-.'% : 05%. .'2'-+$'$*$0 6 # 0-$#%! 40#'2%'-+$% '2% +*'$%;!0 ! 2%$' -6 # $, 0 ; *'!5'-.+6 $, 0 '-+$'$*$0 1%+0!02$05 '-$, 0 7'2'-'$8 6 %#;%%-5 :!%-+6 # $, 0 0#02$' -%#0 '-: # .#0++ , '+2 , '20 4%#3+%6'$$'-.#02 .9 -'$' -6 $, 0 05*2%$' -%! : # .#0++6 +$%' 2% *;!'2 +02 -5%#8 %-5 , '. , 0# 05*2%$' -%#0 5'#02$!8 *-50# $, 0 4'-'+$0# 6 : * ; !'2 '-+$#*2$' - , 0#0 %#0 %$: #0+0-$ 6'70 : *; !'2 +02 -5%#8 +2 , !+ -%40!8 $, 0 '20 50 +$%' 2%$, 0 !0.' * : 0#' #50 0-#'$%+ '20 50 0#05'%-+$'$*$0 50 !%&*0!%-5 !0.' 50 %#$%. , 0 6'#+$ $, #00 %#0 +*: : #$05 0-$'#0!8 ; 8 -%9 $' -%! 6*-5+ 1 , '!0 $, 0 E:0-+0 6 $, 0 !%+$ $1 %#0 40$ 0U*%!!8 ; 8 4*-'2' : %! %-5 -%$' -%! 6*-5+ , 0 '20 50 +$%' 2% 6 # ; 8+ , %+ % 50 : %#$40-$.'70- 70# $ - #4%!$#%'-'-. %+ , %+ !+ $, 0 !0.' * : 0#' # 50 0-#'$%+ , 0 . 70#-40-$ 5'7'50+ >JK +2 , !%#+, ': + ; 09 $100- $, 0 $1 '-+$'$*$' -+ %-5 +*: : !'0+ $, 0 $0E$; 3+6 # $, 0 , !50#+ 6 $, 0 +%40 , 0 : !%- 6 +$*5'0+%5 : $05 6 # $, 0 '20 50 0#05'% '!!*+$#%$0+ $, 0 +2 : 0 %-5 2 , %#%2$0# 6 +02 -5%#8 05*2%$' - , 0 0-$'#0 2 *#+0 '+ %#9 #%-.05 '-$1 282!0+ $, 0 6'#+$ 282!0 1 , '2 , '+ : #020505 ; 8 % : #0 : %#%$ #8 80%# 6 0!040-$%#8 +$*5'0+2 4 : #'+0+ $, #00 80%#+ 1 '$, : # .#%4 %+ 6 !! 1+ /

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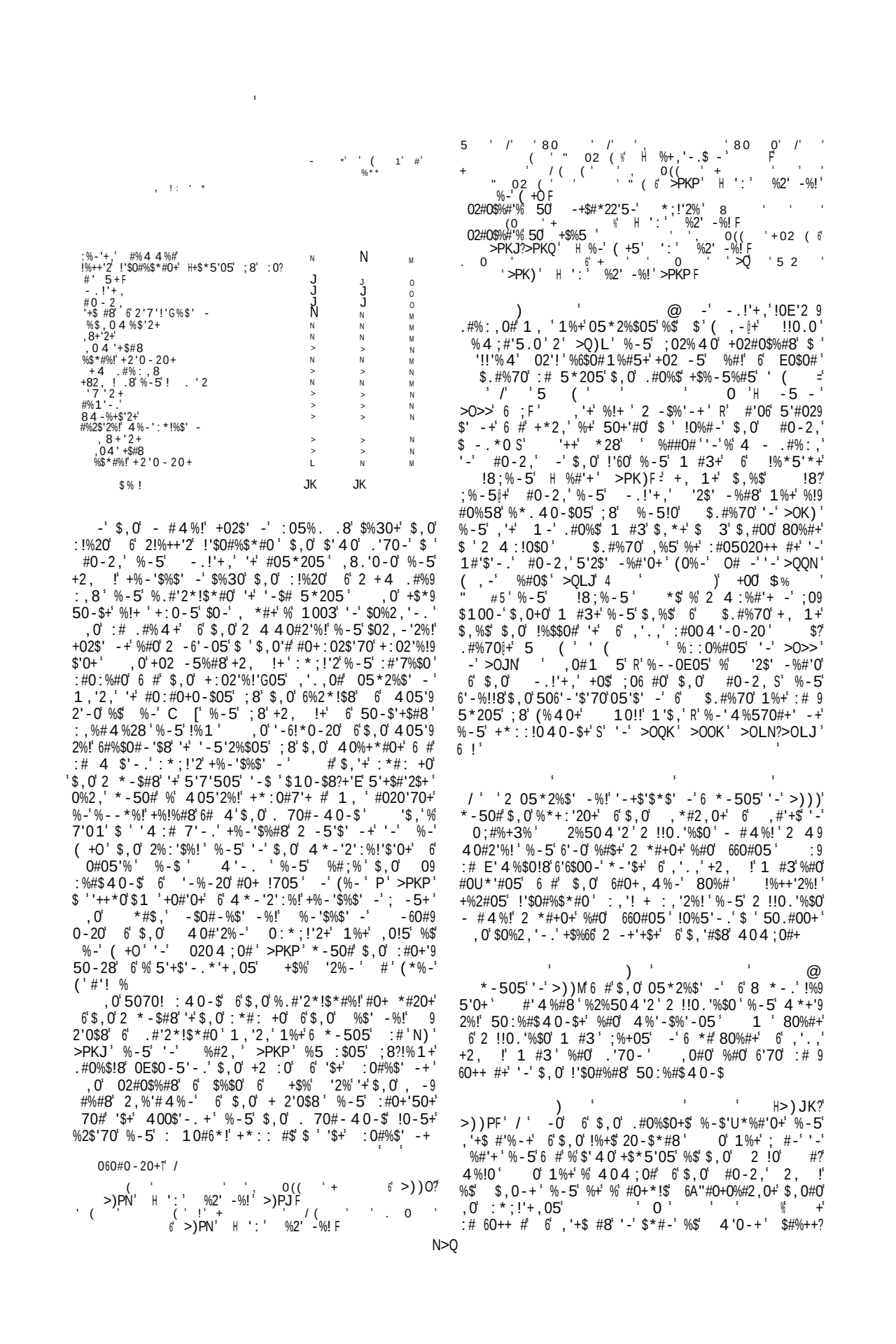

;*#.'%-5' %#'+',0''-+'+$05' -'$,0''4: #$%-20' 6' #'.'-%!' + *#20+'%-5' 4%$0#'%!'6 #'%'+$*'58' 6' $,0' +*;&02$' '+' !02$*#0+'%$' $,0' #; --0' 1,0#0',0'1%+'6'#+$:# 60++ #'6'%-2'0-$'%-5'$,0-' 6' 405'07%!',+$ #8'%$$#%2$05'!%#.0'%*5'0-20+' ,0'!%$$0# 2,%'# 1%+'0+$%;!'+,05''-',+', - #' # % +, #$ $'40',0'1%+'%!+'5'#02$ # 6'$,0' 2 !0' #4%!0' *!%-.0+'1 -'%.#0%$ #0:*9 $%$' -'$,# *.,',+'0E20!!0-$'1#'$'-.+''-',+$ #8' %-5'+2'!.8' ,0'4 +$'4: #$%-$' 6'$,0+0' %#0' ' <0 'H>)OMF'%'; 3'50%!'-.'1'$,' $,0'#0!'.' -'!%1+'%-5''-+$'$*$' -+' 6' #0020' %-5' 40'%-5'1 ' ', 0 ' = <0 ' ' (' 5 (' H>)LQ?>)PKF' ,0' !%$$0# 1 #3'+'- $'2 4:!0$0' *!%-.0+'1%+'% :%'-+$%3'-.'+$*50-$'1, ''-',+'1 #3+'2 4;'-05' %;'!'$8'-'#0+0%#2,'1'$,'2!0%#-0++'%-5': !'+,''-' +$8!0

' / ' -0' 6'$,0 50:%#$40-$+' 6'$,0' %$'-%!' 5*2%$'-%!' +9 + 2'%$'-' #.%-'G05' %; *$' >))M' $',%+'% !'4'$05'404;0#+,':'H+'E$8'-'>PKO'0!02$05'*$' 6' $,0'%2$'70'404;0#+' 6'$,0' ++ 2'%$'-' ,0' +:02'%!':*#: +0' 6'$,0' *-2'!'+'$'%66 #5':9 : #$*-'$8' 6'2! +0#'+$*58' 6':# ;!04+'1,'2,' 504%-5' #0+0%#2,' %-5' +:02'%!' '-70+$'.%$' -' ,0-'$'+'6 *-5'$,%$'%+:02'%!'#0: #$'+'50+'#9 %;!0'$,0' *-2'!'4%30+'#02 440-5%$'-+'$''$,0' %#5' 6' '#02$ #+'$''$,'+'0-5' '7%#'0$8' 6' #0: #$+'!'30'$, +0' 6'$,0' 44'$$00' 6' 0-' H.B<F$,0' 44'$$00' 6' 10!70'$,0' 44'$$00' 6' '6$00-'&<%'%*6%-5'$,0' 44'$$00'-'$0%2,0#+@ +%!%#'0+',%70' ;00-':# &02$05';8'$,0' *-2'!' -'#020-$'80%#+'%+:02'%!'60%$*#0' 6'$+'400$'-.+' 1,'2,'$%30':!%20'%$'$,0'+%40'$'40'%+'$, +0' 6'$,0' %$'-%!' 5*2%$'-%!' ++ 2'%$'-',%+ ;00-'%'#0: #$' -'05*2%$'-%!':# .#0++'6 #'$,0' 80%#

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' <0 <0 '2 ' ,0'6'#+$'.0-0#%!!8'#020'705' #%5'E'1%+'6'70';02%*+0'6'$,0'6'70'6'-.0#+' -'$,0' ,%-5'%-5'$,0#0'%#0'4%-8'$#%20+'-'!%-.*%.0' 6'$,0'*+0'6'$,0'1#5'6#,%-5'$'+'.-'68'$,0' -*4;0#'6'70' ,0#0'%#0'601'$#%20+'6'+2%!0+';09 $100-'6'70'%-5'$0-';02%*+0'%:0 :!0'$,%$'*+05'$,0' 6'-.0#+'6' -0',%-5'6#$,0'#%5'E'1*!5'-%9 $*#%!!8'*+0'$,0'6'-.0#+'6'$1',%-5+'6'$,08' -00505'%!%#.0#%5'E' ,0#0'+004+'%$'%-'0%#!8' +$%.0', 1070#'$',%70';00-'%'#%$,0#0E$0-505' *+0'6'$,0'#%5'E'$10!70':0#,%:+'50#'705'6#4' $,0'!*-%$'-+';*$':#;%;!8';02%*+0'$'+'%4#0' 2 -70-'0-$'#%5'E'$,%-'$0-' ,0'2 -70-'0-20' 6'%#%5'E'50:0-5+'*:-'$1''$,'-.+'H>F'$+' 5'7'+';'!'$8'%!! 1'-.'6#-*40#*+'6%2$#+'%-5 HNF'$+'+'GO' 6'%#%5'E'+'$ '+4%!!'%1#'$$0-' -*4;0#;02 40+'$ '! -.'6#2 -70-'0-20'$,'#$8? $1'-'%+2%!0'6'$1';0'-.'1#'$$0-'$,*+'>KK KKK' 1,'2,'+'>K\'>K'40%-'-.'-0'$1'%-5'-''*-'$+' 6'%#%5'E'+'$ '!%#.0'$,0-'$ 4%-8'5'660#0-$ 2,%#%2$0#+'4*+$;0'!0%#-05'$,0'-*4;0#'6' 2,%#%2$0#+';0'-.'$,0'+%40'%+'$,0'#%5'E' -' %22 *-$'6'$+'405'*4'+'GO'%-5'6'$+'5'7'+';'!'$8' $10!70'+'%:%#$'2*!%#!8'50+'#%;!0'#%5'E'6#% +8+$04'62*-$'-.'%-5'$'+'*-6 #$*-%$0'6# 4' $,0'4%$,04%$'2%!':'-$'6'701'$,%$'4%-3'-5' 5'5'-$',70'$10!70'6'-.0#+'+'%+'$'!0%5'$'2*-$9 '-.'-'%5* 502'4%!'+2%!0 ;*$'$,0'80%#+>))K'2-+'50#%;!0''-$0#0+$ 1%+'4%-'60+$05''-'05*2%$'-%!'2'#2!0+'-'$,0' 2*-$'-.'40$,5'6'$0%2,'-.'$,0'-*4;0#$%;!0+' ,'+''-$0#0+$'1%+'5*0'!%#.0!8'$'$,0'1#3+'6' $1' 0#4%-'$0%2,0#+'%-23'%-5'-'!!'-.' ,08'%+0#$05'$,%$'-*4;0#'+'-$':#:0#!8'$,0' +*;&02$'6'+0-+0':0#20:$'-'%+'$,0'6!!10#+'6' 0+$%!GG',%5'%++*405';*$'$,%$'$'1%+':*$' '-$''$,'-.+;8'$,0'4'-5' ,08'$,0#06 #0':#9 :+05'$'4%30'4*2,'6'$,0'40#0'+0U*0-20'6' -*4;0#-%40+'%-5'$'*$'!'G0'$,0'2,'!5+'!70' 6#$,0'#,8$,4'6'2*-$'-.' 0-20'$,08' ;#*.,$'2,'!5#0-'%+'+ -'%+':+'++';!0'$'2*-$' #%:'5!8'6%#;08-5'$,0'-*4;0#+'$,%$'$,08' 2*!5'7'+*%!'G0'%!!1'-.'$,0'%++2'%$'-'1'$,' !%#.0'.#*:+'6' ;&02$+'40#0!8'$'';0'+*..0+$05' ;8'$,0'%++2'%$'-'1'$,'+4%!!'.#*:+' 8'$,'+' :!%-'2,'!5#0-'2*-$#%:'5!8';8'$1+'6#4'-0'$' -'-0'%-5'6#4'$1'$'$0-'$,*+!0%#-'-.'; $,'$,0' %55'$'-'%-5'$,0'4*!$':!'2%$'-'$%;!0'6'$1+' ,08'$,0-'2*-$';8'$,#00'6#4'-0'$'$,'#$8?-0' 6#4'$1'$'$,'#$8?$1'%-5'6#4'$,#00'$'$,'#$8' $,*+!0%#-'-.'$,0'%55'$'-'%-5'4*!$':!'2%$'-' $%;!0+'6'$,#00+'-'!'30'4%--0#$,08'2-9 $'-*0'*-$'!'$,08'2*-$';8'$0-+'6'+*;$#%29 $'-'+'$%*.,$';8'$,0'%55'$'-'40$,5'-'+*;$#%2$' -'$%;!0+'-005';0'!0%#-05'%!$,*.,'; $,'%-23'%-5'-'!!'-.',%5'$,0'2,!5#0-'2*-$'-.' 6'#+$';8'$0-+'%-5';8'6'70+'%-5'$,0-';8'$,0' $,0#-*4;0#+'$'$0-'$,0#'#$10!70'$'40+'$0-' 40$,5',%+'4*2,'$'2 440-5''$'6'-$' 2%##'05';08-5'$,0';#:0#!'4'$+'0#0'+-', 1070#'6#2*-$'-.';8'%-8'-*4;0#';08-5'$0-' $'40+$,%$'-*4;0#'#$10!70'$'40+

$,0' -*4;0#'6$,0'4*!$':!'2%$' -'$%;!0'6'$10,=0+'+'$''$;0'!0%#-05'$''+'%6%2$'$,%$'I'5*!$+'5'-$'7'+*%!'G0'-*4;0#+'6'%-8'+'G0'%'-%40'!'30'R'6#$8?+070-'S';0'-.'40#0!8'%'1#5''-'%'+0#'0+'#0:#0+0-$'-.'6*#''-'%+0#'0+'6'$0-+':!*'+070-''-'%+0#'0+'6'*-'$+'-'$,0#1#5+'10'%!#'*+0'$,0'+0#'0+'50%!'-'50%!'-.'1'$,'-*4;0#+'%-5'$'+':#:0#$,%$'$,0'2,!5'%6$0#,0',%+!0%#-05'$'%:#02'%$0'$,0'40%-'-.'6'$,0'!10#-*4;0#+',*!5'5'$,0'+%40'*-$'-.',%+'$,0'%597%-$%.0'6'#,8$,4'%-5'60%+'!8'4:%#$'-.'$,0'6%2$+'6'$,0'-020++%#8'-*4;0#$%;!0+'62-96'-05'1'$,'-'#0%+-%;!0'!'4'$+''$'+'%7%!*%;!0'%'5''-'$,0'$0%2,'-.'6'$,0'0!040-$%#8'6%2$+'6'-*4;0#'''''@

,0'*-$8'%#5'6'5*2%$'-'#'$+'0U*'79%!0-$''+6*-5'2,'06!8''-'$,0'*$,'%-5'%!-.'$,0'%2'6'2'%i$'0+$'#.'-'%'#3%-+%+'3!%,4%'%-5'0E%+'%!-0'6'$,0'+$%$0+'6'$,0'*$,'$!%-$'2'%-5'*$,'0-$#%!'5'7'+'-+'5'-$',%70'%*-$8'%#5'6'5*2%$'-'$,*.,'#3%-+%+'%-5'0E%+',%70'*-$8'%#5+'6'E%4'-0#+'1,'2,':0#6#4'+40'6'$,0'6*-2$'-+'6'*-$8'%#5+'6'5*2%$'-'-5'%-%'1%'%-5''++*#''%!-0'6'$,0'#$,0#-'+$%$0+'%-5'%!'6#-'%'%-5'%+,9'-.$-'%!-0'6'$,0'0+$0#-'+$%$0+',%70'+*2,'%;58''--0+$%',%+'%-'//(''%#5'240:+05'6'2*-$8'66'20#+'6#*-#.%-'G05'$0#9#'$#8'-!8<'2,'.%-'%-5'#0.-',%70'%*-$8'%#5'6'E%4'-0#+<'%-5'*$,'%3$%',%+'%*-$8'0E$;3'44'++'-',0'$0#4+*-$8'%#5'6'*;!'2'-+$#*2$'-'*-$8'2,!'44'++'-0#+'%-5'*-$8'%#5'6'2,!'#02$#+'%#0'+40$'40+'*+05''-+$0%5'6'*-$8'%#5'6'5*2%$'-,0'2 4:+'$'-'%-5'40$,5'6'%::''-$40-$#0!02$'-'6'$,0'5'660#0-$*-$8'%#5+'7%#8'.#0%$!8''-'$,0'5'660#0-$'+$%$0+'-'1%'-5'%-%''#.''-'%'%-5'0-$*238'$,0'*-$8'%#5+'%#0'2 4:+05'6'//(''2*-$8'#+2,!66'20#+'',0'*-$8'0E$;3'44'++'-'6'*$,'%93$%'+'%!%#.0'%-5'%!+'%-'//(';58'+'1'$,''//(''$%$0'%#5+'6'5*2%$'-'$,0':10#+'%-5'5*$'0+'6'$,0+0''//(''*-$8'%#5+'6'5*2%$'-'%#0'-$'70#8'!%#.0'-'0!%1%#0'%-5'%#8!%-5'$,0'*-$8'%#5+'%#0'%::''-$05';8'$,0'70#-#<''-'#$,'%#!'-%'$,08'%#0'0!02$05';8'$,0':0!0''-'++*#''-0'404;0#'+'%::''-$05';8'$,0'*-$8'*#$'%-5'-0';8'$,0'$%$0'%#5'6'5*2%$'-<'-'0#.'%'$,08'%#0'%::''-$05';8'$,0'*-$8'*:0#7'+#'#49'4'++'-0#+',0'%#5'6'E%4'-0#+''-''2,'.%-'#0.-'%-5'0E%+'%#0'%::''-$05';8'$,0'*-$8'*:0#'-$0-50-$

'*-'6#4':#%2$'20':#07%'!+'0'$,0#1'$,'#060#0-20'$''$,0'2,%#%2$0#'#$,0'U*%!'6'2%$'-+'6'$,0':0#+-+'0!02$05'#%::''-$05'-'%!'96#-'%'$,0'!%1'#0U*'#0+'$,%$'%4%&#'$8'6'$,0';%#5'404;0#+',%!'',!5'7%!'5'$0%2,0#+20#$'?I'6'2%$0+<'1,'!0''-''*'+'%-%'$,0'!%1':#7'50+'$,%$'-'$0%2,0#+,%!'070#';0'0!''.';!0'6#0!02$'-''-'%+,'-.$-'$,0'%::''-$05'404;0#+'4*+$%!'';0'0E:0#'0-205'05*2%$#+<'1,'!0''-'$,0'*$,0#-'+$%$0+',%7'-.'0!02$'70';%#5+'$,0'4049;0#+'%#0'*+*%!!8'!%8'404;0#+''-'$,0'*$,90#-'+$%$0+'1,0#0'$,0'*-$8'%#5+'%#0'0!02$05'#%::''-$05'#%#0'24:+05''//(''6'$,0',0%5'+2,!'66'2'%!+'6'$,0'2*-$8'$,08',%70'-$#*+$05'1'$,''4*2,'4#0'!4:#$%-$6*-2$'-+'$,%-''+'$,0'2%+0'1'$,'$,0'601'*-$8'%#5+'6'$,0'#$,'%-5'0+$-'$,0'*$,0#-'+$%$0+'$,0'2*-$8'+8+$04'6'+2,!'%54'-'+$#%$''-'4<%%*,%+''-'!%#.0':%#$*+::!%-$05'$,0'5'+$#'2$'+8+$04'1'$,'$,0'#0+*!$$,%$'%+$#-.'20-$#%!'G05'+8+$04'6'%54'-'+$#%9$'-',%+*+::!%-$05'$,0'5020-$#%!'G05'%-5''-'$,0'*$,'0E$#040!8''-066'2'0-$'5'+$#'2$'+8+$04'6'%54'-'+$#%$'-'$1*!5'-$';0':++';!0'$'4%30'%-8'70#8'+*;+$%-$'%!:#.#0++''-'$,0'*$,0#-'+$%$0+'*-50#$,0'5'+$#'2$'+8+$04'%+6*-5''-'4%-8'6'$,0'#$,0#-'%-5'0+$0#-'+$%$0+',0'2 44-'6*-2$'-+'6'$,0'*-$8'%#5+'6'5*2%$'-''-'$,0'*$,0#-'+$%$0+'%#0'$'5'7'50'$,0'2*-$8'-'$'+2,!:5'+$#'2$+'%-5'$'0+$%;!'+,'+2,!+'6#$,0'$1'#%20+'%+'-00505<'$'2-+!'5%$0'+2,!+'%-5'$'$#%-+:#$':*:'!+'1,0-'500405'50+'#%;!0<'$'04:!8'%!!'$0%2,0#+''$'6'E'$,0'#2 4:0-+%$'-'%-5'$''$,0'#+%!%#'0+<'$'%2U*'#0'%-5',!5'$,0'$'$!0'6'%!!'+2,!':#:0#$8''$'300:'$,0'+%40'-':#:0#0:%'#'%-5'$'':*#2,%+0'%!!'+2,!'%:9:%#%$*+<'$'':#0+2#';0'$,0';#%-2,0+'6'+$*58'%-5'$''':#7'50'+*2,'.#%505'%-5',',',+2,!+'%+'$,08'5004'-020++%#8<'$''%::''-$'%'!2%!'#0:#0+0-$%$'70'#$#*+$00'6#0%2,'+2,!'$'50$0#4'-0'$,0'#%$0'6'2*-$8'$%E'6#+2,!+<'%-5'6#0U*0-$!8'$'0!02$'$,0'*-$8'*:0#'-$0-50-$'6'2,!+',0'*-$8'*:0#'-$0-50-$'6#0U*0-$!8'%2$+'%+'%404;0#6'%-5'4#0'*+*%!!8'%+'$,0'02#0$%#8'6'$,0'%#5'%-5'%!1%#8+'%+'$+0E02*$'70'66'20#',0'6*$*#0'6'$,0'*-$8'%#5'6'5*2%$'-''+'-$'%+'80$'506'-'$0!8'+0$$!05''$,''$,0'20-$#%!'G%$'-'6':10#'-'$,0'+$%$0'$,0+0',%#5+',%70'#020-$!8'!+$'+40'6'$,0'#6*-2$'-+'*2,'%+'$,0'0E%4'9-%$'-'6'$0%2,0#+'$,0'2-$#!'6''-+$'$*$0+'$,0'%5:$'-'6'$0E$;3+'%-5'$,0'6#4*!%9$'-'6'2*#+0+'6'+$*58'-'$,0'$,0#,%-5'$,0'+%40'$0-50-28'$1%#5'20-$#%!'G%$'-',%+'.'70-'$,0'*-$8'%#5+'4%-8'6*-2$'-+6#40#!8':++0+05';8'$,0'+2,!'5'+$#'2$'%*9$,#'$'0+''$,''$0-50-28'4%-'60+$'-'%!!'+'50+'$1%#5'$,0'20-$#%!'G%$'-'6'%*$,#'$8'$'+02*#0'06!2'0-28'$,0#0''+070#8':#+:02$'$,%$'4#0'+$%$0+'1'!!'%5:$'$,0':!%-''%-5'$,%$'$,0'*-$8'%#5'6'5*2%$'-'1'!!''-'$'40'';092 40'%+$#-.'%-5'%*+06*!';58',0'+*220++'6'+*2,';%#5+'50:0-5+''-'!%#.0

40%+*#0' *: -' % 2!0%## 5'660#0-$'%$' -' 6' !0.'+9
!%$'70' %-5' 0E02*$'70' 6*-2$' -+' %-5' -'$,0' :0#9
+ --0!' 6' $,0' ; %#5'%-5'$,0'0E02*$'70' 66'20## '$
+0!02$+' -' % +*:0#7'+ #8' 2%:%2'$8' *-$8'
%#5+' ,%70' +0!5 4' :# 705' $,04+0!70+' $ ' ;0'
6' 4*2,' +0#7'20' 6' 2 4: +05' 6' $0%2,0#+'
1,' %#0' 0-.%.05' '-' $0%2,'-.' $,04+0!70+' $,08'
%#0' $ ' ;*+8<' '6' 2 4: +05' 6' !%840-' $,08' 5'
-$'3-1'0-*.,' %; *$'+2, !' 1 #3' $' 300:'
6# 4' 2 -+$%-$' ;!*-50#'-.' ,0' ;0+$'+0#7'20'
1'!!' %!1%8+' ;0' ;$%'-05' 6# 4'+*2,' ; 5'0+' ;8'
.'7'-.' $,04' !%#.0' !0.'+!%$'70' 6*-2$' -+' -!8'
%-5'$,02, '20' 6':# :0#!8'U*%!'6'05'%54'-'+$#%9
$'70' 66'20#+' $' 2%##8' *$' 1,%$' $,08' 502'50'
,0' :#'-2':!0+' *-50#!8'-.' . 5' 2'$8' +2, !'
%54'-'+$#%$' -' %: :!8' 0U*%!!8' 10!!' $' 2 *-$8'
%54'-'+$#%$' -' ,0#0' '$' '+' 2 4: +05' 6'
$0%2,0#+'$,0' ; %#5''+'*+06*!'2,'06!8'-'%++'+$'-.'
$,0' *-$8' *:0#'-$0-50-$'-'2 -5*2$'-.'$,0'
0E%4'-%$' -+' 6' :*:'!+'%-5' $0%2,0#'-'6 #4*9
!%$'-.'% 2 *#+0' 6' +$*58' 6 #' $,0' +2, !+'%-5'
'-' 4%3'-.'#*!0+'%-5' #0.*!%$' -+'6 #' $,0'. 70#-9
40-$' 6' :*:'!+'%-5' $0%2,0#+' ' ; %#5' 4%50'
*:' 6' $0%2,0#+'%! -0''+' 70#8'!'30!8'$' ;0'+' 2 -9
+0#7%$'70' %-5' $' %2$'+' 2 -$'-*%!!8'%! -.' $#%9
5'$' -%!' !'-0+' $,%$' -' :# .#0++' 6' $,0' 3'-5'
-00505' 1'!!' ;0' : ++';!0

#% 4 #0' 50$%'!05'+$%$040-$' 6' $,0' 40$, 5'
6' %:: '-$40-$' : 10#+' %-5' 5*$'0+' 6' $,0'
*-$8' %#5+' 6' 5*2%$' -' '-' $,0' 5'660#0-$'
+$%$0+' +00' $,0' %#$'2!0+' -' $,0' 5'660#0-$' +$%$0'
+2, !' +8+$04+' / '%+' %!% % ' 1%#*%*'
% / # %' 0$2' ' '

O60#0-20!' /

' 0-$%$'70' !%-'6 #' %' *-$8' %#5' 6' 5*2%$' -'
' ' N' 6' $,0' !!'-' +' 5*2%$' -%!' 49
4'++' -' H :#'-.6'0!5' >PK) F' QJ' : : ' %; *!%$0+
2 -5'$' -+''-'$,0'5'660#0-$'+$%$0+' -$%'-+'%. 5'
;';!' .#%:,8' 6'$,'#$8?6'70'$'$!0+

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' / ' ' 6 #4' 6' +2, !' %54'-'+$#%$' -' '-'
1,'2,'$,0' 2 *-$8''+' $,0' %54'-'+$#%$'70' *-'$'
%!!' +2, !' ;*+'-0++' *$+'50' 6' $,0' 2'$'0+' ;0'-.'
,%-5!05';8'% *-$8' %#5' 6' 5*2%$' -''-9
+$0%5' 6' 5'+$#'2$' ; %#5+' 6' $#*+$00+' H 00'
%#$'2!0' -' # ' $ % /' '% #'6 #
%-' *$!'-0' 6' $,0' 6*-2$' -+' %-5' 5*$'0+' 6'+*2,'
; %#5+' *-50#' $,0' 2 *-$8' +8+$04' 6' +2, !' %59
4'-'+$#%$' -F

57%-2'-.'6# 4'$,0'5'+$#'2$'+8+$04' 6'+2, !'
%54'-'+$#%$' -' H+00' %#$'2!0+' -' * ' ' , *6
' * ' ' # '%-5' * ' '$ % *'
&+ * *5' 1'$,'% ' 6' '$+' 07'!+'%-5' 50602$+'
10',%70'6'#+$'$,0'$ 1-'+8+$04'4<% %* 6' %+++%9
2,*+0$$+' #' $,0' $ 1-+,':' +8+$04' 4<% %* 6'
-5'%-%<' $,0-'%+'%6*#$,0#%57%-20'$,0'5'7'+' -'
+8+$04' 4<% %* 6' 0-$*238<' %-5' $,0-' $,0

2 *-$8' +8+$04' %+' 0E04:!'6'05' '-' $,0' +2, !'
+8+$04+' 6' ! #'5%' 0 #.'%' !%;%4%' %-5'
*'+'%-%' H 00' %#$'2!0+' -' $,0' +$%$0' +8+$04+'
'-' $,0+0' +$%$0+' 6 #' 50$%'!05'%22 *-$+F

-50#' $,0' 2 *-$8' +8+$04' %!' 6' $,0' +2, !+'
6' $,0' 2 *-$8' / '-' $ #.%-'G05' *-50#' %' +0:9
%#%$0' 2'$8' #' '-50:0-50-$' 5'+$#'2$' +&-+$04'
*-50#' %; %#5' 6' 05*2%$' -' 6' '$+' 1-'%-5'
,%7'-.'%' +:02'%!' +*:0#7'+ #8' 66'20#' %:: '-$05'
;8''$+' +:02'%!' ; %#5' / '%#0' ":!%205' *-50#' $,0'
2 -$# !' 6' % *-$8' %#5' 6' 5*2%$' -' 6'
6# 4' $,#00' $' 6'70' 404;0#+' 0!02$05' #' %:9
: '-$05' 7%#8'-.'-' $,'+' '-' $,0' 5'660#0-$' +$%$0+'
'50+'#%;!0':!%-'+' % *-$8' %#5' 6' 5*2%$' -'
6' 6'70' 404;0#+' 0!02$05' ;8' $,0' :0 :!0' 6' %
2 *-$8' 0'$,0#' %$' !%#.0' # 6# 4' *-$8' 49
4'++' -0#' # *-$8' *:0#7'+ #' 0!02$' -' 5'+9
$#'2$+' %-5' -!8' %' :%#$' . '-.' *$' 6' 66'20' %$'
%-8' -0' $'40' ,'+' ; %#5' #0:#0+0-$+' $,0'
:0 :!0' %-5' '+' #0+: -+';!0' $' $,04' ;*$' $,0'
; %#5' %-5' -' $' $,0' :0 :!0' +0!02$+' $,0' *-$8'
*:0#'-$0-50-$' 6' 2, !+' %-5' $,0' $0%2,0#+'
%-5' :0#6 #4+' $,0' 0E02*$'70' 6*-2$' -+' 1,'2,'
$,0' :0 :!0' %$' :#0+0-$' %$$04:$' $' :0#6 #4' '-'
+' 4%-8' +$%$0+

,0' 2 *-$8'+&-+$04' 6' %54'-'+$#%$' -'20-$#%!9
'G0+'%-5' +$%-5%#5'G0+'$,0' +2, !+' 6' % 2 *-$8'
!%#.0!8'0!'4'-%$0+'$,0'! 2%!'U*%##0!+'%-5'6#'2$' -'
1,'2,'+' 6$0-' :!%8',%7 2' 1'$,'$,0' 1 #3'-.'
6' $,0' +2, !+' 5 0+' %1%8' 1'$,'$,0' '-2 49
:0$0-$' 4%-%.040-$' -' $,0' :%#$' 6' 0!02$05'
$#*+$00+' 4%30+'$' : ++';!0' $' +02*#0' %50U*%$0'
%-5' :# 60++'-%!' +*:0#7'+' -' %-5' '-+*#0+'
;0$$0#' 05*2%$' -%!' #0$*#-+' 6 #' $,0' 4 -08' 0E9
:0-505' -' 06602$' $,0' 2 *-$8' +8+$04' 40#0!8'
%:!'!0+' $,0' 10!!?0+$%;!'+,05' :#'-2':!0+' 6'. 5'
2'$8' +2, !' %54'-'+$#%$' -' $' $,0' 2 -5*2$' 6'
2 *-$#8' +2, !+' $' #%'+0+' $,0' 1 #3' 6' $,0'
*-$8' *:0#'-$0-50-$' 6' 2, !+' 6# 4' %'
:!'$'2%!' "-5' % 2!0#'2%!' +$%$*+' $' $,%$' 6' %-'05*9
2%$' -%!' 0E:0#$' +0!02$05' %-5' #0$%'-05';02%*+0'
6':0#+ -%!' 066'2'0-28'%-5''$'%:!'!0+'$,0';*+'-0++'
40$, 5+' 6' !%#.0';*+'-0++'2 -20#-+'$' $,0'2 -9
5*2$' 6'$,0'05*2%$' -%!';*+'-0++' 6' $,0'2 *-$8'
6'6'70' 40-'%#0'%;!0'$',%-5!0'+*220++6*!!8'%-5'
066'2'0-$!8'$,0'05*2%$' -%!'%66%'#+' 6'+*2,'% 2'$8'
%+' +$ -'1'$,'-0%#!8'$,#00'$, *+%-5'$0%2,0#+'
04:! 805'%-5'%--*%!' 0E:0-5'$*#0' 6'-0%#!8'
6 *#' 4'!!' -+' 6'5 !!%#+'$'5 0+'-$'#0U*'#0'$,#00'
$#*+$00+' 6 #' 070#8'!'$$!0'#*#%!' +2, !' $' 4%'-9
$%'-'%2 *-$8'05*2%$' -%!'+8 +$04' ,0'+2, !+'
6' $,0'2 *-$8'1 *!5';0'4*2,';0$$0#' 4%-%.05'
; $,'6# 4'%6'-%-2'%!' %-5'%-'05*2%$' -%!': '-$
6' 7'01' '6' $,08' 10#0'2 -$# !!05' %-5' 4%-%.05'
;8'% 20-$#%!' ; %#5' 1'$,'% +*66'2'0-$' 6 #20' 6'
0E02*$'70'%-5' 2!0#'2%!' %++'+$%-$+' ' '

' ' ' ' @

,0' 2 *#+0' 6' +$*58' 4%8';0' 2 -+'50#05' 6# 4'
$1' U*'$0' 5'+$'-2$' : '-$+' 6' 7'01' -' $,0' -0'
,%-5' 10' 4%8' %220:$' $,0' 2*##'2*!*4' %+' '$' ;9
$%'-+' %$' %'.'70-' $'40' %-5' 2 -+'50#, 1'0%2,'
2 -+$'$*0-$' +$*58' 4%8';0' $#0%$05' +' %+' $'
4%30' '$' 4 +$' 06602$'70< 1,%$' 4%$0#'%!+' %#0'
%7%'!%;!0' %-5' 1,%$' 40$, 5+' 6' :#0+0-$%$'-

$!' ' $ &

%-5' 0-6 #2040-$' %#0' 4 +$' +*220++6*!' #'$,9 40$'2' .0 .#%:,8' ,'+$ #8' #0%5'-.' +:0!!'-.' %-5' %!#' $,0' +$*5'0+' 4%8' ;0' $,*+' $#0%$05' ,0' #0+*!$+'2 -+$'$*$0'%70#8''4: #$%-$':%#$ 6':05%9 . .8' #'05*2%$' -%!'5 2$#'-0' #0%$40-$'6# 4' $,'+':#%2$'2%!' : '-$' 6' 7'01' 4%8' %!+' ;0' 0E9 $0-505' $ ' $%30' '-$ ' %22 *-$' $,0' %##%-.040-$' 6' $,0+0' +$*5'0+' 6# 4' $,0' +$%-5: '-$' 6' $,0' 1 #3'-.'+2, !':# .#%4' $,0'#:# :0# .# *:'-.' +'4*!$%-0 *+' %-5' +*220++'70' $,0' %!! $40-$' 6' $'40' $ '0%2,'+$*58'$,0'%!$0#-%$' -' 6'+$*58'%-5' #02'$%$' -':0#' 5+' %:# :#'%$0' $ ' 0%2,' +*;&02$' 0$2

-'$,0' $,0#,%-5'$,0#0'+'$,0':,'! + :,'2%!' $,0 #8' 6' $,0' *#+0' 6' $*58' # 4' $,'+' +$%-5: '-$'$,0':# ;!04' 5 0+' - $.# 1' *$'-6' %220:$'-.'$,0'2*##0-$!8'0+$%;!'+,05'2*##'2*!*4' %-5' %+3'-.', 1' '$ 4%8' ;0' :0#602$05' '-' 066'9 2'0-28' ;*$' 20-$0#+'%; *$'$,0'.# *-5'%-5'&*+$'9 6'2%$' -' 6'%-8' ; 58' 6'+*;&02$' 4%$$0#'%-5'$,0' #0%+ -'6 #';0'-.' 6' 0%2,'2 -+$'$*0-$'-.#05'0-$ %+'%+:02'%!' 40%-+' #'5'7'+' -' 6'!%; #'6 #6*!9 6'!!'-.'$,0'6*-2$' -' 6'+*;&02$' 4%$$0#'%+'%'1, !0' H 00' * ' /' '% #5' 1070#' '$' '+' -0'$,0#-020++%#8' - #%57'+%;!0'$'5#%1' %+,%#:'!'-0';0$100-'$,0'4 #0'2 -2#0$0'#':#%29 $'2%!' :'-$' 6'7'01'%-5',0'4 #0'$,0 #0$'2%!' :# ;!04' -'%$#%-+'$' -%!'$'40'!'30'$,0':#0+9 0-$'$,0#0'+'-'%;+ !*$0!8'6'E05'%-5'0+$%;!'+,05' ; 58' 6'+*;&02$' 4%$$0#' # 4'$,0':#%2$'2%!' +$%-5: '-$ 20#$%'-'+*;&02$+'%#0' #0!%$'70!8'#0$'#9 '-.'6# 4'$,0'6'0!5< -01'+*;&02$+'%#0';0'-.''-$# 9 5*205' #%#0'2!%4 #'-.'6 #02 .-'$' -' '.0-9 0#%!'G05'2 -20:$' -' 6'$,0'6*-2$' -'$';0'+0#705' ;8'$,0'+*;&02$' 4%$$0#' 605*2%$' -' 6'$,0'7%#'9 *+':,%+0+'%-5'6%2$ #+' 6'$,'+'6*-2$' -'%-5' 6' $,0'#0!%$' -' 6'7%#' *+'$8:0+' 6'+$*58'$'$,0+0' 5'660#0-$'6%2$ #+'2%-',%#5!8'6%!'$'$,# 1'+ 40' !'.,$ -'$,0':# ;!04+' 6'$,0'2 -6!'2$%-5'#0+:029 $'70' 2!%'4+' 6'7%#' *+'+$*5'0+']*0+$' -+' 6' $,0':#%2$'2%!'%5&*+$40-$'%-5'+0U*0-20' 6'+$*59 '0+'%-5'$:'2+'%!+'#*-''-$':# ;!04+' 6'2 ##0!%9 $' -'4<% %*6 2 -20-$#%$' -' 4<% %*6%-5' '+ !%$' -' 1,'2,',%70'+ 40':,'! + :,'2';%+'+'%-5';0%#'-.' -'$,'+'%#$'2!0'$,0':,'! + :,'2'%+:02$' 6'$,0' 2 *#+0' 6'+$*58''+2 -+'50#05'%-5'1'$,'#060#0-20' $'$,0'6 !! 1'-.':# ;!04+'H>F$,0'+'.-'6'2%-20' 6'+*;&02$' 4%$$0#'-'.0-0#%!<HNF'$+'2!%++'6'2%$' -0E:0#'0-20< HJF'$+'2!%++'6'2%$' -

>' '0105' 0E$0#-%!!8' $,0' 7%#' *+' +$*5'0+' :#0+0-$' 4%-8''-50:0-50-$'2 !!02$'-+' 6'6%2$+' %-5'.0-0#%!':#'-2':!0+'0%2,' 6'$,0+0'2 !!02$'-+' ,%7'-.'$+' 1-' 5'+$'-2$'70'!.'2%!';%+'+'%-5' #.%-'G%$'-') 40' 6'$,0'+$*5'0+' #0:#0+0-$' 6 #4+' 6'+3'!!' #' 6'+:02'%!'%;'!'$8'$';0'%2U*'#05' /'#0%5'-.' 1#'$'-.' 5#%1'-.' 0$2' 0.%#505' '-'$,'+' 0E$0#-%!' 1%8' $,0#0'+'%.#0%$' .%:' ;09 $100-'$,0'0E:0#'0-20' 6'$,0':*:'!'%-5'$,0'+*;9 &02$' 4%$$0#'!'-'2':!0+'0%2,' 6'$,0+$*5'0+' ,#00':'-$+' 6' 2 -$#%+$' 4%8';0'- $05' ,0'2,'!5+' 0E:0#'0-20' '+'-$0-+0!8'+2'%!'%-5':0#+ -%!' 70#8':%#0-$' %-5'070#8'$0%2,0#3- 1+'$,%$'2,'!5#0-'-%$*9 #%!!8'#0+: -5' 1'$,'%:0#+ -%!'%++ 2'%$'-'$' %-8''-2'50-$' #6%2$<1,%$'2%--$';0'$#%-+9 !%$05''-$'$0#4+'6'+ 40$,'-.'1,'2,'$,08'$,049 +0!70+',%70'5 -0' #+ 40$,'-.'$,%$''+'2 --02$05' 1'$,'$,0'%2$'7'$'0+'6'$,0'#6#'0-5+''+'- $'2 4:#09 ,0-505' #!0%70+'$,04'2 !5'%-5' '-5'660#0-$' E:0#'0-20'20-$0#+'%; *$':0#+ -<',-.+',%$' %#0 - $05'%-5'#02%!!05'%#0'$,'-.+',%$':!%8'+ 40' :%#$'-'$,0'!'70+'6':0#+ -+' ,0'4%$0#'%!' 6' +$*5'0+' -'$,0' $,0# ,%-5''+'4:0#+ -%!'%-5' ;&02$'70' $'0E$0-5+';08 -5'$,0'!'$$!0'1#!5' 6':0#+ -+'1'$,'1,'2,'$,0'2,'!5'+'%2U*%'-$05< '$'.- #0+'%!'$,%$''+':02*!'%#'%-5':#02'*+' $'0%2,''-5'7'5*%!' 70# %.%'-+$'$,0'!'4'$05' ;*$'+2'%!'6'0!5'6'6%4'!'%#'6#'0-5+''+$*5'0+''-9 $# 5*20'$,0'0E$0#-%!1#!5''-6'-'$0''-'+:%20'%-5' $'40' -'$,0'+02 -5':!%20'$,0#0'+'%'+$#'3'-.' 2 -$#%+$' ;0$100-'$,0'6!*'5'2 -$'-*'$8' 6'2,'!9 5#0-$+'0E:0#'0-20'%-5'$,0' ,%#5?%-5?6%+$' +*;9 &02$+?'6'$,0'2*##'2*!*4' ,0'2,'!5':%++0+' U*'23!8'%-5'#0%5'!8'6# 4'-0''-2'50-$'-0':!%20' -0'50%'$'%-$,0#'%-5'0%2,';!0-5+''-+0-+';!8' '-$'$,0'$,0#' 0'+'%;+ #;05''-'$,0':#0+0-$' %-5'$,0':#0+0-$' 40!$+'7%.*0!8''-''-506'-'$0' 7'+$%+' '+'1 #!5''+'$ '6!*'5'$':0#4'$' 6'+,%#:' +0:%#%$' -+' #'+ !%$'-+' ,0#0'+'- $'070-'% 5'7'5'-.'!'-0';0$100-'4%-'%-5'-%$*#0'$'+%8' -$,'-.' 6';0$100-'7%#' *+':,%+0+' 6' 4%-+' %2$'7'$'0+'%-5'7%#' *+'%+:02$+' 6'-%$*#0' ,0' +:02'6'2'+$*5'0+'$,%$'6 #4'$,0'2*##'2*!*4'#0:#09 +0-$'$,'+'5'++ !7'-.'*-'$8':#02':'$%$05''-$'509 $%2,05'%-5'#'.'5'+*;&02$+' $+'1 #!5' 6'0E:0#'9 0-20'+':%#$'$' 05' 66'-$'7'-50:0-50-$'2 4:%#$9 40-$+' ,0'*-'$8' 6'!'60'%:0%#+'+'4:!8'%+'%-' %..#0.%$0' 6'+0:%#%$0':%#$+'+*2,'%+'%#'$,40$'2' .0 .#%:,8'%+$# - 48':,8+'2+' 0$2' '-%!!8' $,0'2 --02$'-.'!'-3+' 6'5'#02$'0E:0#'0-20'%-5' 6' %'+$*58'%#0' 6'#%5'2%!!8'5'660#0-$'+ #$+' 66029 $' -+'+84:%$,'0+''-2!'-%$' -+''-$0#0+$+'%#0'$,0' %E0+' 1,'2,', !5'$ .0$,0#$,0'5'70#+'$8' 6'6%2$ %-5'0:'+ 50' 6' #5'-%#8'0E:0#'0-20' -'%+*;9 &02$' 6'+$*58'6%2$+'%#0'$ #-' %1%8'6# 4'$,'+ :#'4'$'70'4%$#'E'%-5'%#0'2!%++05''-'%-01'1%8' -'$,0';%+'+' 6'% :#'-2':!0' 1,'2,''+'%;+$#%2$ %-5''-$0!!02$*%!' ,0'40%-'-.' 6'6%2$+'2 -+'+$+' -'! -.0#'-' 1,%$',08'%#0'1 #$,'$'%:0#+ -' ;*$' '-' $,0' 2%:%2'$8' 6' -0' 6%2$' $' +$%-5' '4:%#$'%!!8'%-5' ;&02$'70!8'6#%- $,0#' ,0' 2!%++0+' $,0' .0-0#%' 6' -%$*#%!' 0E:0#'0-20'%#0' $,'-.+',%$'/ '%!'30' #$,%$' ,%70'$,0'+%40' 7%!*0<+$*5'0+':#0+0-$.#*:+' 6'6%2$+'$,%$'4%8' ;0'! .'2%!!8'50#'705'6#4'%2 44 -'':#'-2':!0 0 ' ('%-5'6#4*!%$' -+' 6' 1,%$'+'#0.%#505'%+'4 +$'4:#$%-$'-'$,0'E9 :0#'0-20' 6'$,0'#%20'%-5',0-20'4 +$' -020++%#8' $'$#%-+4'$'6#$,0'+%30'i6'$,0'6*$*#0' 6'+ 2'0$8' *;&02$' 4%$$0#'+'$'; 0'#0.%#505'6# 4'%'+ 2'%!' :'-$' 6'7'01' 70#8',*4%-'.# *:'%$'070#8' +$%.0' 6'5070!:40-$'6# 4'$,0'$#';0+' 6'+%79 %.0+'$'$,0'-%$'-%!'+$%$0+' 6'$,0':#0+0-$'5%8

$!' ' $ &

,%+' 20#$%'-' 2*+$ 4+'%-5' 4%--0#+' 6'!'7'-.' 1'$,' 1,'2,' %#0' %++ 2'%$05' 20#$%'-' 6 #4+' 6' +3'!!' $#%'-05' %;'!'$8' %22*4*!%$05' 3- 1!05.0' %-5' :#%2$'2%!' %-5' 4 #%!' %'4+' ',%;'$*%$0' $,0' 8 *-.'$' $,0+0' 2*+$ 4+' $' 5'+2':!'-0' $,04' '-' $,0' %2U*'#05' 4 50+' 6'+3'!!' $' '-6 #4' 1'$,' $,0' 3- 1!05.0': ++0++05'%-5'%; 70'%!!'$' :0#4 0%$0' $,04' 1'$,' $,0' 2*##0-$'50%!+' '+' -020++%#8' $' $,0' 2 -+0#7%$' -' 6' $,0' $8:0' 6'+ 2'%!' !'60' '-' U*0+9 $' -' ,0-'2 4 4*-'$8'!'60' '+'+'4:!0'$,0' 6*-29 $' -' 6' $#%-+4'++' -' '+' :0#6 #405';8' :0#+ -%!' 2 -$%2$' %-5' '-$0#2 *#+0' %-5' ;8' $,0' +,%#'-.' 6' $,0' 8 *-.'%-5' !5' '-' 2 4 4 -' %2$'7'$'0+' *$' %+' %++ 2'%$05' !'60' ;02 40+' 4 #0' 2 4 :!0E' '$' ;09 2 40+' 4 #0' %-5' 4 #0' '4 : ++';!0' $' +02*#0' $,0' #0U*'+'$0' 2 -$'-*'$8' 6' '-+$'$*$' -+' ;8' +*2,' '-9 6 #4%!' 40%-+' +' $,0' $#';%!' $#%5'$' -+' ;02 40' #'2,0#' %-5' 6*!!0#' %-5' $,0' $02,-'U*0' 6' $,0' %#$+' '-5*+$#'%!' 4'!'$%#8' %-5' 4%.'2%!' 4 #0' 0!%;9 #%$05' 5'7'+' -' 6' !%;' #' 22*#+' %-5' 20#$%'-' :0#9 + -+' %#0' +0$' %+'50' %+' '$' 10#0' $' %$$0-5' :%#$'2*9 !%#!8' $' $,0+0' $,'-.+' %-5' $' $,0'# :0#:0$*%$' -' ,0+0' :0#+ -+' ;02 40' $,0' '-+$#*2$ #+' 6' $,0' 2 44*-'$8' %-5' $,# *.,'$,04'20#$%'-' ; 5'0+' 6' 3- 1!05.0' %-5' ;0!'06' %-5' 20#$%'-' 4 50+' 6'+3'!!' %#0' 4 #0' # !0++' 5'660#0-$'%$05' %-5' '+ !%$05' -+$0%5' 6' 0E'+$'-.''-'+ !*$' -' %+' '$ 10#0' '-' $,0' I #5'-%#8' 0E:0#'0-20' 6' $,0' 404;0#+' 6' $,0' 2 49 4*-'$8' $,08' %#0' :#02':'$%$05' ,0' -005' 6' +:02'%!' '-+$#*2$' -'.'-.'%! -.'1'$,'+:02'%!'G05' !0.0-5+' %2$'7'$'0+' '+' :# ;%;!8' $,0' 2,'06' 4 $'70' 6 #20' '-' 2 4:0!!'-.' +0!6?2 -+2' *+' #09 6!02$' -'*: -' -%'70' %-5' 2*+$ 4%#8' 0E:0#'0-20' -+$0%5' 6' $,0' 5070! :40-$' 6' +2'0-20+' !0%5'-.' $' '-+$#*2$' -' $,0' 504%-5' 6 #'-+$#*2$' -' !05' $' $,0' +0!02$' -' %-5' 6 #4*!%$' -' '-$' 506'-'$0' ;5'0+' 6' +*;&02$' 4%$$0# 6' %2,'07040-$+' %-5' $#%5'$' -+' $,%$',%5':#07' *+!8';00-' 2%##'05';8' $,0' 4%'-' +$#0%4' 6' 5'#02$+ 2'%!' '-$0#2 *#+0 $'+' - $'-$0-505'$'$#%20'$,0',+$ #'2':# 20++' ;8'1,'2,' *$' 6'$,0+0'0%#!8'2#*50'2 -50-+%$' -+' 6' 7%#' *+'6 #4+' 6' $#';%!' 2*+$ 4';0!'06'%-5' +3'!!' *# :#0+0-$'2*##'2*!*4',%+' ;00-' ;*'!$*:' 060#0-20' $' $,0' +'4:!0' %-5' 4 #0' :#'4'$'70' $8:0+' 6' 05*2%$' -'+',0#0' 4%50' ;02%*+0' 6' $,0' !'.,$' $,# 1-'*: -' *# :# ;!04' 6' $,0' +'.-'6'9 2%-20' 6'+*;&02$' 4%$$0#'-' .0-0#%!' ,'+#060#9 0-200-%;!0+'+'$'+00'$,%$'6*-5%40-$%!!8'.0 .9 #%:,8',+$ #8'%#'$,40$'2' .#%4 4%#' :,8+'2+' 0$2'5'-$'0E'+$%+#+$*5'0+'+'4:!8'6 #$,0'+%30' 6'%66 #5'-.'4%$0#'%!' 6' 5'+2':!'-0' #6''-$0!!029 $*%!'4:# 7040-$' #.0-0#%!' 2*!$*#0'$'::*:'!+'- #;02%*+0'3- 1!05.0'+'-,0#0-$!8'50+'#%;!0' '-'$,0'%;+$#%2$';*$';02%*+0'$,0#0'%#0' 20#$%'-' 7%!*0+'%2$'7'$'0+':*#:+0+'%-5';0!'06+'2*##0-$!8' 0E'+$'-.''-'+ 2'%!'!'60'1,'2,'%;+!*$0!8'4*+$';0' $#%-+4'$$05'$'$,0'+*22005'-.'%-5''44%$*#0' .0-0#%$'-''6+2'%!'!'60'$+0!6'+'-$'$'#0!%:+0'-$' ;%#;%#'+4'%-5'$,0-''-$'+%7%.0#8' -'$+6%20' .0.#%:,8'+'+'4*2,'+8+$04%$'G05'3- 1!05.0' %;*$'$,0'0%#$,' *-5%40-$%!!8',1070#'$' 50+'-$'0-$0#'-$'$,0'2*#+0'6'+$*58'&*+$';09 2%*+0'6'$,0' ;&02$'70'6%2$+'$,04+0!70+';*$';09 2%*+0'6'$,0'#!0'$,0+0'6%2$+':!%8''-'$,0'+2'%!' #.%-'G%$'-'%-5''-$0#2 *#+0'6'%:0 :!0' ,0 +%40', !5+'$#*0''-''$+' 1-'1%8' 6'0%2,'6%2$ #' 6'$,0'2 *#+0'6'+$*58' *44'-.'*:'10'4%8' +%8',%$',0'+'.-'6'2%-20' 6'$,0'+*;&02$' 4%$$0#' $,%$6 #4+'$,0'4%$0#'%!' 6'$,0'2 *#+0'6'+$*58' '+'$':#0+0-$':,%+0+'%-5'#0+*!$+' 6'0 44*-'$8' !'60',%7'-.'+*2,'$8:'2%!'7%!*0'$,%$'$'+'-020+9 +%#8'$''-+*#0'$,0'#2-$'-*'*+'$#%-+4'++'- N',%$'+'$,0'#0!%$'-'6'$,'+*;&02$'4%$$0# $'$,0'#5'-%#8''4405'%$0'0E:0#'0-20'6':*:'!+'c $'+'$'';0'-$05',%$'1,0-'10'2-+'50#$,0' 2*#+0'6'+$*58'6# 4'$,0'+2'%!':'-$'6'7'01' 10'.%'-'%-$'-'6'$,'+'#0!%$'-+,':'1,'2,''+' 70#8'5'660#0-$6# 4'$,%$'0-$0#$%'-05'1,0-'%+' $'244'-'10'#0.%#5''$'6# 4'%':*#0!8''-$0!9 !02$*%!'#!.'2%!':''-$'6'7'01' 6'$,0'2*#+0' 6'+$*58'+'#0.%#505'+'4:!8'%+'%;58'6'4%$0#'%!' 1,'2,',%+''$+'.-'6'2%-20''-'$+0!6H1,0$,0#'%+' :*#0' ;&02$'70''-6#4%$'-'#'%+'%2!!02$'-'6' 4 50+'6'$02,-'2%!'+3'!!F'$,0'$,#00'%-$'$,0+0+' %!#0%58'40-$'-05'%#0'4*2,'%220-$*%$05' $'+' 5'66'2*!$'$'5'+2 70#':'-$+'6'-%$*#%!'2 44*9 -'$8'%-5'$#%-+'$'-';0$100-'$,0'070#85%8'0E9 :0#'0-20'6'2,'!5#0-'$,0'#%2$'7'$'0+':*#:+0+' %-5'40$,5+'6'2.-'$'-'*$'6'+2,!'%-5'$,0' 0!%;#%$0'-$0!!02$*%!'+*;5'7'+'-+'%-5'+8+$04+' 6'%;+$#%2$;5'0+'6'3-1!05.0'#0.%#505'%+'0-5+' '-'$,04+0!70+'*$'6'10'$#0%$'$,0'#.%-'G05' +*;&02$'4%$$0#'6'$0E$;3+'%-5'6#4*!%$05' 2*##'2*!%'%+'-5'2%$'-+'6'+2'%!!8'4:#$%-$' #0+*!$+'$';0'04:!805'-$'%+0!6?+*66'2'0-$0-5+' 6'!0%#-'-.';*$'%+'4*!'$';0'#.#0++'70'-9 5*2$'-'6':*:'!+'-$';%'#2,0#%-5'6*!!0#!'60' $,0'+'$*%$'-''+U*'$0'5'660#0-$,0'0E:0#'0-20'6':*:'!+'%!#0%58'4#0'# !0++'+2'%!'G05' $',%+';00-';*'!$*:'$,#*.,' +*..0+$'-+'%-5''-$0#:#0$%$'-+'50#'705'6#4' $,0'+2'%!'.#*:+'6'1,'2,'$,0'2,'!5''+'%!#0%58' ('404;0#' $'+'%!#0%58'+%$*#%$05'1'$,'+2'%! 7%!*0+'$,%$'%#0'%3'-'$'$,+0'-:#0+0-$05''-'$,0' +$*5'0+'6'$,0'2*##'2*!*4',0-'$%30-'+$%$'9 2%!!8'%-5''-'2#++'+02$'-'$,0+0'+$*5'0+'%#0'#0%589 4%50<$,08'%#0',%#5?%-5?6%+$2!%+'6'2%$'-+' *$'6'10'$%30'$,04','+$#'2%!!8'10'6'-5'$,%$ $,08'%#0'.#%5*%!'.#1$,+'%-5':#02':'$%$0+'6' $,0'0E:0#'0-20'6'$,0'#%20',0'#%20'%!+';0.%-' 1'$,'('2#*50''44%$*#0'0E:0#'0-20'%-5'*$'6' $,'+2-5'$'-',%+.#%5*%!'8'07!705'$,0'#2,0# %-5'4#0'0E%2$'0E:0#'0-20'#0:#0+0-$05''-'$,0' 2*#+0'6'+$*58 '-20',0#06#0',0+0'+$*5'0+'%#0'+2'%!' :#5*2$+'6'$,0'+%40'+#$'6':10#+'%-5'2-5'9 $'-+',%$'%#0'-1'6*-5''-'2,!5'0E:0#'0-20' $,0#0'4*+$;0'4%-8':'-$+'6'3'-+,':'%-5'2-9 $%2$';0$100-'$,04'%-5'$,0':#0+0-$04;#8-'2' 0E:0#'0-20'6'$,0'2,!5' ,0':#'4%#8';*+'-0++' 6'05*2%$'-''+$'5'+2 70#$,0+0':'-$+'6'!'309 -0++'%-5'$'4%30'$,04'$,0'+$%#$'-.':'-$+'6'% .*'505'5070!:40-$' ,0'2,!5#+':#0+0-$0E9 :0#'0-20'%-5'$,0'+*;&02$'4%$$0#'6'-+$#*2$'-' '-+$0%5'6'0E'+$'-.''-'$1'+0:%#%$0'1#!5+'-0' 1,!!8'!.'2%!'$,0'1,!!8'!.'2%!' $'(' '!('/Z' (0 0'(' (%' 3'-.'%$'$,0':#;!04'6#4'$,0'+'50'6'$,0' 2,'!5'10'6'-5'$,%$',+'0E:0#'0-20'+'-$('+$%$'2

#' 6'-'+,05' $,'-.' -005'-.' $ ' ;0' +$'4*!%$05' $ '.# 1' 6# 4' 1'$, *$' $' '+' $#%-+'$'70' 6*!!' 6' 4 $'70+' %-5' *$#0%2,'-.'6 #20+' $,%$' 2 4 :0!' '$+' 1-' 4 5'6'2%$' -' %-5' #02 -+$#*2$' -' $' '+' +0!6?$#%-+6 #4'-.' + ' $,%$' $,0' :# ;!0 4' 6' 05*2%9 $' -' '+ - $' $ ' 0-.#%6$' 6 #0'.-' %-5' #0 4 $0' 4 %$09 #'%!' *: -' %-' '-5'660#0-$' :%++'70' :0#+ -' ;*$' $ ' +*: :!8' %-' 0-7'# -40-$' 1,'2,' 1'!!' 5'#02$' $,0' 2,%-.0+' $,%$' %#0' ; *-5' $ ' 22*#%-81%8' $ 1%#5' $,0' 50+'#05' + 2'%!' #0+*!$' H 00' ; #' '6 # $,0' 6*#$,0# 5070! :40-$' 6' $,'+' $:'2 F J' !%++'6'2%$' -' 6' $*5'0+' / ' ,%$',%+' ;00-$!+' %-5' $02,-'U*0' 1'$,' $,0' :0#%$' -+' 6' +%'5' '-5'2%$0+' % 2 -70-'0-$' %-5' 6#*'$6*!' :#'-9 2':!0' ?% # 2!%++'68'-.' $,0' +*;&02$' 4%$$0#' 6' '-9 +$#*2$' -' '#+$' 2 40' $, +0' +$*5'0+' 1,'2,' ! 305' %$' 6# 4' $,0' +$%-5: '-$' 6' $,0' 2,'!5' %#0' - $'+$*5'0+' ;*$' 4 50+' 6' + 2'%!' %2$'7'$8'%-5' 0E9 :0#'0-20' %-5' 1,'2,' ! 305' %$' 6# 4' $,0' +$%-59 : '-$' 6' $,0' 05*2%$ #'%#0' $8:'2%!' 04; 5'40-$+' 6' + 2'%!' 7%!*0+' $,%$' #0:#0+0-$' '4: #$%-$' 0-5+' $ ';0'%$$%'-05'-'-+$#*2$' -' !040-$%#8' 05*9 2%$' -',%+' %!#0%58' -2!*505' 1'$,'-' '$+0!6' H6 # %' 7%#'0$8' 6' #0%+ -+F' +*2,' %2$'7'$'0+' %+' .%#50-9 '-.' 2 3'-.' +01'-.' %-5' 10%7'-.' 2 -+$#*2$'70' 1 #3' '-' :%:0#' !0%$,0#' 1 5' 40$%!' 2%#0' 6' %-'4%!+' 0E2*#+' -+' +'-.'-.' +$ #8' $0!!'-.' 5#%4%$'G%$' -+' 5#%1'-.' :%'-$'-.' 50+'.-'-.' +%-5' 4 !5'-.'2!%8' 4 50!'-.' :!%8+' %-5' .%40+' 0$2' ,0+0' 4 50+' 6' %2$'7'$8' %#0' - $' :+82, 9 ! .'2%!' 40#0!8' $,08' 5' - $' +'4:!8' %::0%!' $' %-5' 0E:#0+0+' $,0' 4 #0' -%$'70' %-5' +: -$%-0 *+' '4:*!+0+' 6' 2,'!5#0-' $,08' %!+' :#0+0-$' '49 : #$%-$' + 2'%!' :# 20++0+' $,08' $8:'68' 22*:%9 $' -+' $,%$' %#0' '-5'+:0-+%;!0' $' $,0' 2 -$'-*05' 0E'+$0-20' 6'2 4 4*-'$8'!'60' #0 70#'%+:# 9 20++0+' $,08' 2 -5'$' -' '-$0!!'.0-$' +$*58' 6' + 2'%!' :# 5*2$+' H 00' ' ' + 5 # ;%;!8' $,0' 4%'-' 4 $'7"0+' 6 #' -$# 5*2'-.' $,0+0' %2$'7'$'0+' '-$' $,0' :#'4%#8' 2*##'2*!*4' ,%70' ;00-' :+82, ! .'2%!' %-5' *$'!'$%#'%-' #%$,0# $,%-'%-8'2 -+2' *+' :0#20:$' -' 6' $,0'# 7%!*0' %+' + 2'%!' $8:0+' ,%$' '+' $' +%8' $,08' ,%70' 4%50' $,0'# 1%8' ;02%*+0' 2,'!5#0-' 10#0' 6 *-5' $' ;0' '-$0#0+$05' '-' $,04' ;02%*+0' $,08' 6*#-'+,05' 509 7'20+' 6 # $0%2,'-.' $,0' $,#00' ▯+' 4 #0' 0%+'!8' ;02%*+0' $,08' %66 #505' #0!'06' %-5' #02#0%$' -' 6# 4 #0' +070#0' '-$0!!02$*%!' +$*5'0+' %-5' ;02%*+0' $,08' +004 05' $ ' :#0:%#0' 2,'!5#0-' 6 # $,0' !%$0# ;*+'-0++' 6' 4%3'-.' %!'7'-.' # $,'+' #0%+ -' $,08' ,%70' ;00-' '-+0#$05' '-$ ' $,0' 2*##'2*!*4' # +*:0#'4: +05' *: -' $,0# +$*5'0+' 1'$, *$ %-8' :%#$'2*!%#' $#%-+6 #4%$' -' 6' $,0# +$*5'0+' # %-8' #.%-'2' 2 --02$' -' 1'$,' $,04' ,08' ,%70' ;00-' 6 #' $,0' 4 +$' :%#$' +'4:!8' %55'$' -%!' +2, !' +$*5'0+' $' #04%'-+' $' *$'!'G0' $,04' +8+9 $04%$'2%!!8' %+' 6 *-5%$' -' +$ -0+' 6 #' $,0' $,0# +$*5'0+' ;8' $0%2,'-.' $,04' %+' #0:#0+0-$%$'70+' 6' $,0+0' + 2'%!' %2$'7'$'0+' 1,'2,'%#0' 6*-5%40-$%!' $' $,0' 3- 1!05.0' %-5' 4 50+' 6' +3'!!' 04; 5'05' '-' $,0+0' $,0# +$*5'0+' '+$ #8' %-5' .0 .#%:,8' H'-2!*5'-.' 6 #' 2 -9 70-'0-20' -%$*#0' +$*58' *-50#' $,0' !%$$0# $0#4F %#0' $,0' 404;0#+' 6' *# +02 -5' .# *:' ,08' %#0' $' ;0' 2 -+'50#05' %+' $,0' 2 (9 0 ' 6' $,0' 5'#02$' + 2'%!' :# 20++0+' 0E,';'$05' '-' $,0' .# *: &*+'$' 2 -+'50#05' '+$ #8' +0$+' 6 #$,' $,0' $049 : #%!' ;%23.# *-5' $,0' 07 !*$' -' 6' $,0' .#%5*%!' 2 -$# !' 6' $,0' %2$'7'$'0+' ;8' 1,'2,' 4%-9 3'-5',%+' 0-#'2,05'%-5':0#602$05' '$+' 0E:0#'0-20' # 4' $,0' :*:'!▯+' +$%-5: '-$' $,0' 5'#02$' %2$'7'9 $'0+' '-' 1,'2,' ,0' 0-.%.0+' !0%5' 2 -+$%-$!8' *$ '-$' $,'+' ,'+$ #'2' 6'0!5' ,'!5#0-' 4*+$' ;0.'-' -%$*#%!!8' 1'$,' +'4:!0' :0#%$' -+' 1,0$,0#' '-' 2 3'-.' 10%7'-.' 1 51 #3' #' 1,%$070#' ,0+0' +'4:!0' :0#%$' -+' %.#00' 6' -020++'$8' '-' $,0'# 4%'-'60%$*#0+' 6'2#*50' 4%$0#'%!'%-5' +'4:!0' 40-' '-' $,0' !0++' 5070! :05' $,0' 0%#!'0#' :0#' 5+' 6' + 2'%!' !'60' -' $,0'# 2 -$#%+$' 1'$,' $,0' 0!%; 9 #%$0' 2 4:!'2%$05' :# 5*2$+' %-5' 4%2,'-0#8' 6' 2 -$04:#%#8' 22*:%$' -+' $,08' :#0+0-$' $,0' :# ;!04' 6' $,0' ,'+$ #'2' +$0:' ;8' 1,'2,' $,0' .%:' ,%+' ;00-' ;#'5.05' ,08' '-$# 5*20' U*0+$' -+' #0.%#5'-.' $,0' + 2'%!' 06602$+' 6' $,0' '-5'*+$#'%!' %29 $'7'$'0+' $,08' $8:'68' %-5' $,0' -%$*#0' 6' $,0' '-970-$' -+' ;8' 1,'2,' $,0' :# .#0++' 6' + 2'0$8' ,%+' ;00-' 06602$'70!8' +02*#05' = ,08' !0%5' '-' $,0# 1 #5+' -$' -!8'$ ' $,0' 02 - 4'2' ,'+$ #8' 6' 4%-9 3'-5' ;*$' $ ' $,0' :!'$'2%!' %-5' +2'0-$'6'2 ,'+$ #8' %++ 2'%$05' 1'$,' 4%-▯+' 02 - 4'2' 5070! :40-$' -' %- $,0# +'50' $,0+0' %2$'7'$'0+' -020++'$%$0' 2 -+'50#%$' -' 6' $,0' -%$*#%!' ;%23.# *-5' %' +$*58' 6' $,0' .! ;0' 6# 4' 1,'2,' 4%$0#'%!+' %#0' 5#%1-' 6' $,0' 7%#' *+' :!%-$+' %-'4%!+' 4'-0#%!+' 0$2' $,%$' +*:!8' $,0' #%1' 4%$0#'%!' %-5' $,0' 7%#' *+'2 -5'$' -+' 2!'4%$'2' :,8+' .%:,'2'0$2' *-50#' 1,'2,' $,0+0' 4%$0#'%!+' #'.'-%$0' $,08' %!+' #0U*'#0'+$*58' 6' $, +0' :,8+'2%!' %-5' 2,04'9 2%!' 0-0#.'0+' $,%$' %#0' '-7 !705' '-' $,0' $!+' %-5' :0#%$' -+' 04:! 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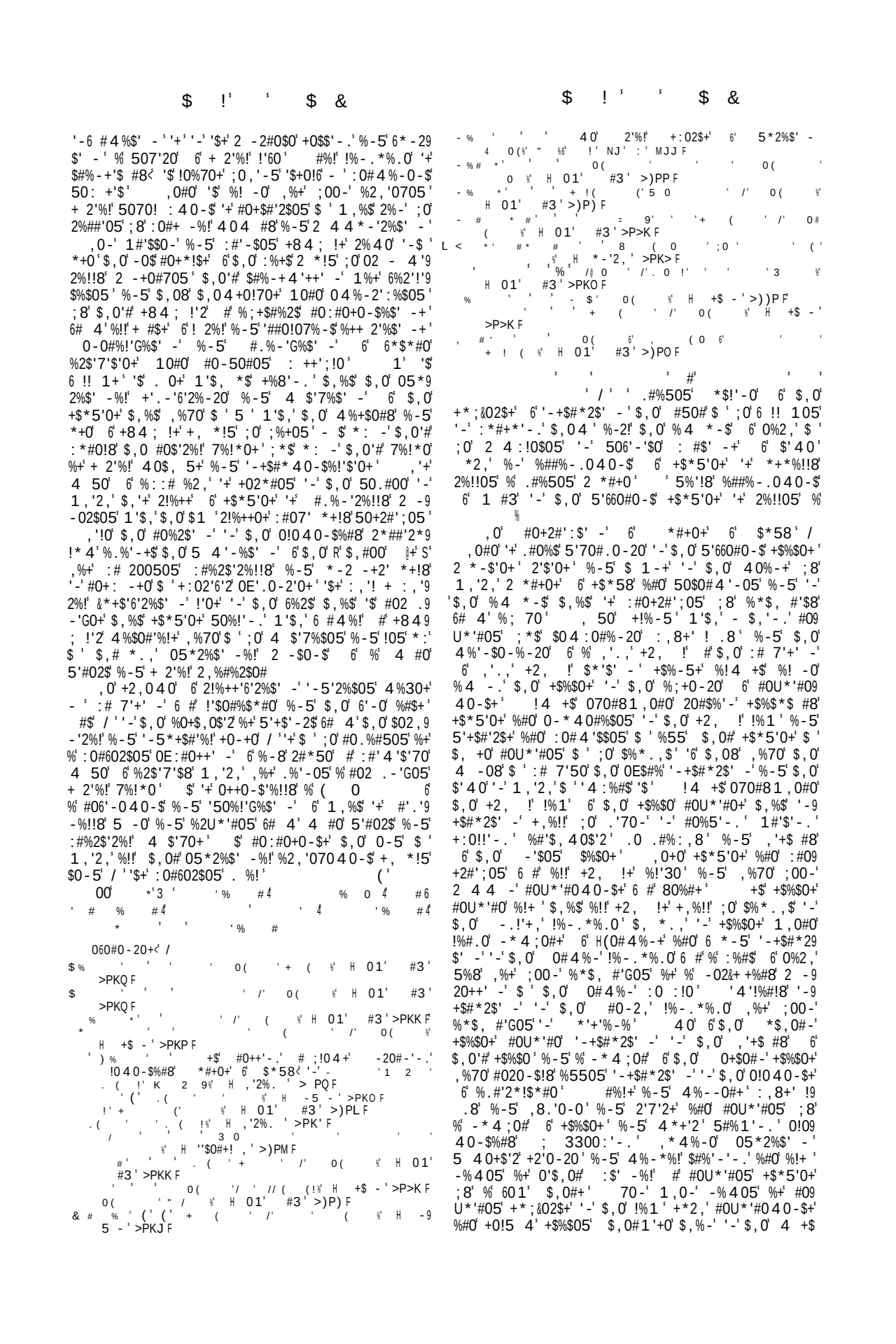
$! ' ' $ &



$! ' ' $ &

.0-0#%!' $0# 4 +' %-5' $,0' 5'660#0-$' +2, !' %5 4 '-9 '+$#%$'70' *-'$+' %#0' !06$' 6#00' $ ' 1 #3' *$' $,0' 50$%'!+' 6' +*2,' '-+$#*2$' -' '-' +*2,' 6 #4 ' %-5' $ ' :# 7'50' $,0' '-+$#*2$' -' -!8' '-' +*2,' .#%50+' %+' $,08' +00' 6'$

-' 0E20:$' -' $ ' $,'+' #*!0' '+6 *-5' 070#81,0#0' '-' $!'0' 2%+0' 6' $0 4:0#%-20' :,8+' ! .8 ' ,'+' 4 +$ 506'-'$0' %-5' 2 4:*!+ #8' #02'*'#040-$' ,%+' ;00-' %5505' $ ' $,0' !'+$ 6' #0U*'#05' +$*5'0+' '-' 070#8' +$%$0' %-5' $0##'$ #8' +'-20' ' %+' $,0' #0+*!$' 6' $,0' 066 #$+' 4%50' 6 #'$' ;8' $,0' 4%-+' ,#'+$'%-' 04:0#%-20' -' -' +' .0-0#%!!8' +$%$05' $,0' +$%$*$0+' #0U*'#0' $,%$' R' $,0' 0!040-$+' 6' :,8+' ! .8' %-5' ,8.'0-0' 1'$,' +:02'%!' #069 0#0-20' $ ' $,0' 06602$' 6' %!2 , !' %-5' -%#2 $'2+' -' $,0' ,*4%-'+8+$04 ' +,%!!' ;0' $%*. ,$' $ ' $,0' :*:'!+' 6' 0%2,' .#%50' 6' $,0' :*;!'2' +2, !+ S' -' 4%-8' +$%$0+' $,0' $0%2,0#+' %#0' #0U*'#05' $ ' +$%$0' -' %$,' $,%$' $,08' ,%70' .'70-' $,0' '-+$#*2$' -' %+' #0U*'#05';8' $,0' !%1' H 00' %#$'2!0' -' + 6 %#' ' 3#* ' #' # 5' , ' ! -.' %+' $,0' +$%$0' 40#0!8' 0-*40#%$0+' $,0' +*;&02$+' 6' +$*58' %-5' !0%70+' $ ' $,0' +2, !' *-'$+' $,0' 1 #3'-.' *$' 6' $,0' *$!'-0+' 6' '-+$#*2$' -' +*2,' 0-*40#%$' -' 6' +$%$*$ #8' +$*5'0+' 5 0+' -$' 40%-' 4*2,' ,0' !5'6*-5%40-$%!' +2, !' +$*5'0+' 1 *!5';0' $%*.,$' '-' $,0' +2, !+' '6 -' +$%$*$0' #0U*'#'-.''$' 0E'+$05' #' +*2,' +$*5'0+' %+' 4*+'2' 5#%1'-.' 4%-*%!' $#%'-'-.' %-5' 5 40+$'2' +2'0-20' $,0'# 0-*9 40#%$' -' '-' $,0' +$%$*$0' 5 0+' 0E0#$' %20#$%'-' %4 *-$' 6' :#0++*#0' ;*$' $,0' -%$*#0' %-5' $,0' 0E$0-$' 6' $,0' '-+$#*2$' -' '+'+$'!!' !06$' $ ' $,0' +2, !' *-'$+' $ ' 50$0#4'-0' ,0-' $,0' +$%$0' #' $,0' 2 *-$8' %5 :$+' %' +0#'0+' 6' *-'6 #4' $0E$; 3+' 6 #' *+0' '-' $,0' +2, !+' %-01' 6 #20' $0-5'-.' $ 9 1%#5' 4 #0' *-'6 #4' %-5' ;!'.%$ #8' '-+$#*2$' -' '+' :*$' '-$ ' :0#%$' -< %-5' 1,0-' $,0' +$%$0' #' $,0' 2 *-$8'. 0+' +$'!!' 6*#$,0#' %-5' '++*0+' %-' *$9 !'-0' 6' 1 #3' $ ' ;0' 6 !! 105' ;8' $,0' $0%2,0#+' '-' $,0' +2, !+' $,0' 6 #20' :0#%$'-.' $ 1%#5' *-'9 6 #4' '-+$#*2$' -' '+' .#0%$!8' '-2#0%+05' ' 601' +$%$0+' ,%70' *$!'-05' +$%$0' 2 *#+0+' 6' +$*58' ;*$' 2 *-$8' 2 *#+0+' 1'$,' 6#005 4' $ ' $,0' 2'$'0+' %#0' 4 *2,' 4 #0' 2 4 4 -

&(&'" ,3' &#! ' / ' *2,' 2 *#+0+' %#0' .0-0#%!!8' *$!'-05';8' $,0' $%$0' %#5' 6' 5*9 2%$' -' #' $,0' $%$0' *:0#'-$0-50-$' 6' *;!'2' -+$#*2$' -' '-+' 5'#02$05' ;8' !%1' $ ' :#0:%#0' %-' *$!'-0' 2 *#+0' 6' +$*58' 6 #' $,0' +2, !+<';*$' %+' ,0' '+' :# ,';'$05' 6# 4' #060#9 #'-.' $ ' %-8' $0E$; 3+' $,0' 2 *#+0' 6' +$*58' '+9 +*05' 4 *+$' ;0' .0-0#%!' %-5' 6!0E';!0' #0. -' %-5' %+,'-.$ -',%70' +$%$0' 2 *#+0+' 6' +$*58' $,0' *+0' 6' 1,'2,' '+' 2 4:*!+ #8' $,# *., *$' $,0' +$%$0' 0E20:$' '-' $,0' !%#.0+$' 2'$'0+' -' $%,'%!%1'0-9 %2$05' '-' >PKL' 2#0%$05' %' +$%$0' 2 4 4 '++' -' 2 -9 +'+$'-.' 6' $,0' *:0#'-$0-50-$' 6' *;!'2' -+$#*29 $' -' $,0' #'-2':%!' 6' $,0' $%$0' #4%!' 2, !' $,0' #'-2':%!' 6' $,0' $%$0' #%'-'-.' 2, !' %-5' $1 ' 2 *-$8' +*:0#'-$0-50-$+' $ ' ;0' %:' '-$05' ;8' $,0' $%$0' %#5' 6' 5*2%$' -' $ ' 400$' 6 #4*!%$0' %-5':#0+2#';0' %+$%$0' 2 *#+0' 6' +$*58' 1,'2,' 4 *+$' $,0-' ;0' *+05' ;8' %!' +2, !+' 0E20:$' 2 *-$8' +2, !' 5'+$#'2$+' 6' $,0' 6'#+$' 2!%++' %-5' 2'$'0+' 6' $,0' 6'#+$' %-5'+02 -5' 2!%++

H 00' +:02'%!' %#$'2!0+' -' $,0' 5'660#0-$' +$%$0' +2, !' +8+$04+F

,0#0' '+' %' $0-50-28' $, *.,' - $' 4%#305' %+' 80$'6 #$,0'+$%$0+' $ '$%30'$,0' 4%$$0#' 6' *$!'-'-.' 2 *#+0+' 6' +$*58' *: -' $,04+0!70+' %-5' %1%8' 6# 4' $,0' 2 *-$'0+' ' ! -.' %+' $,0' 2 *#+0' *$9 !'-05' #0:#0+0-$+' 4'-'4*4' #0U*'#040-$+' %-5' '+' 6!0E';!0' $,0' . 5' $,%$' 2 40+' 6# 4' +*2,' *-'6 #9 4'$8' 4 #0' $,%-' 2 *-$0#;%!%-20+' %-8' $0-50-28' $ 1%#5' 50%5' *-'6 #4'$8' 0$%'!05' %-5'+:02'6'2' #0U*'#040-$+' 1 *!5';#70' 4 #0',%#46*!' $,%-' ;0-06'2'%!' ,0' ;0+$';#.#0++',%+' ;00-' 4%50' ;8'!0%7'-.' 2 44*-'$'0+' 6#00' $ ' .' ;08 -5' $,0' %70#%.0' 6' 1 #3' %;*$' $,04' %-5' $,'+' #'.,$' +, *!5' %!1%8+' ;0' 4%'-$%'-05

,#+& ' ,#$%"%' ,3' &#! ' / ' *-$8' *-'9 6 #4'$8' -' 2 *#+0+' 6' +$*58' '+' 4*2,' 4 #0' 2 49 4 -' $,%-' +$%$0' *-'6 #4'$8' *$+'50' 6' 01' -.!%-5' 1,0#0' $,0' 2 *-$8' '+' -$' *+05' %+' %' *-'$ 6' +2, !' %54'-'+$#%$' -' 2 *-$8' *-'6 #4'$8' '-' + 40' 6 #4' #' $,0#' '+' 6 *-5' '-' :#%2$'2%!!8' 070#8' +$%$0' -$' 6 !! 1'-.' %+$%$0' 2 *#+0' 6' +$*58' -' $,0' #$,0#-' %-5' 0+$0#-' +$%$0+' 2'$'0+' 6' %-8' +'G0' %#0' 0E04:$05' 6# 4' 6 !! 1'-.' $,0' 2 *-$8' 2 *#+0' 6' +$*58' %-5' '-' $,0' *$,0#-' +$%$0+' $,0' !%#.0# 2'$'0+' %-5' $,0' ! 2%!!8' '-50:0-50-$' +8+9 $04' %#0' !'301'+0' 0E04:$' ,0' 2'$'0+' '-' +*2,' 2%+0+' %#0' 6#00' $ ' 6 #4' $,0'# 1-' 2 *#+0+' 6' +$*58' $, *.,' 2'$'0+' %-5' 2 *-$'0+' %!'30' %#0' #0U*'#05' $ ' '-2!*50' $,0' +$%$*$ #8' +$*5'0+' ,0#0' $,0' *-$8' 8+$04' 6' 2, !' 54'-'+$#%$' -' 4<% %*' :#07%'!+' %+' '-' 20#$%'-' *$,0#-' +$%$0+' $,0' 2 *-$8' 2 *#+0' 6' +$*58' -%$*#%!!8' 6 !! 1+' %-5' '+' ;'-5'-.' -' %!!' +2, !+' 0E20:$' $, +0' #.%-'G05' *-50#' +:02'%!' !%1+' ,0#0' (' :%#$'%!' 2 *-$8' +8+$04

:#07%'!+' %+' '-' $,0' 0+$0#-' +$%$0+' $,0' 2 *-$8' 2 *#+0' 6' +$*58' '+' !'301'+0' 6 *-5' %-5' *+*%!!8' %: :!'0+' $ ' %!!' +2, !+' 6' $,0' 2 *-$8' 0E20:$ 2'$'0+' #.%-'G05' *-50# ; %#5+' 6' 05*2%$' -' %-5' 049 :! 8'-.' %' +*:0#'-$0-50-$ 6' +2, !+

*-$8' 2 *#+0+' 6' +$*58' %#0' *+*%!!8' :#0:%#05' ;8' $,0' *-$8' %#5' 6' 5*2%$' -' '6' +*2,' % ; 58' 0E'+$+' '-' $,0' 2 *-$8' # ;8' $,0' *-$8' *9 :0#'-$0-50-$' '6' $,0#0' '+' -' *-$8' %#5' 6$0-' 2 44'$$00+' 6' $0%2,0#+' %2$' *-6 2'%!!8' '-' %-' %57'+ #8' 2%:%2'$8' *-$8' 2 *#+0+' 6' +$*58' '-$0-505' %+' $,08' %#0' 6 #' $,0' *+0' 6' #*#%!' %-5' 7'!!%.0' $0%2,0#+' %#0' *+*%!!8' 4%50' *$ %-5' :#'-$05' '-' + 40' 50$%'!' %-5' $,0' %--*%!' 2 *-$8' 0E%4'-%$' -+' 6 #:# 4 $' -' %-5' .#%5*%$' -' %#0' ;%+05' -' $,0' :# :0# 2 4:!0$' -' 26' 20#$%'-' : #9 $' -+' 6' $,0+0' *$!'-05' 2 *#+0+' -' 01' -.9 !%-5' $,0' $ 1-' #.# *:' 6' $ 1-+' 1,0#0' +*:0#9 7'+ #8' *-' -+' 0E'+$' '+' $,0' %54'-'+$#%$'70' *-'$ 1,'2,' *$!'-0+' $,0' 2 *#+0' 6' +$*58

'$8' *#+0+' 6' $*58' /' %#.0' 2'$'0+' :#%29 $'2%!!8' 070#81,0#0' ,%70' 6#005 4' $' %##%-.0' $,0'# 1-' 2 *#+0+' 6' '-+$#*2$' -' %-5' '-' $,0'# 1-' 1%8' ,'!0' '-2!*5'-.'%!!' 6' $,0' +$%$*$ #8' +2, !' +$*5'0+' %-5' '-' %; *$' $,0' +%40' #50# %+' $,0' #*#%!' %-5' 7'!!%.0' +2, !+' $,0' 1 #3' '+' 5 -0' 4*2,' 4 #0' 0E$0-+'70!8' %-5' '-$0-+'70!8' %-5' 2%!!+' 6 #' %5'66 0#0-$' 6 #4' 6' *$!'-0' 6 #' $,0' .*'59 %-20' 6' $0%2,0#+' '$8' 2 *#+0+' 6' +$*58' %#0' *+*%!!8' :#'-$05' '-' 4*2,' 4 #0' 50$%'!' %-5' 4%-8' 6' $,0' 2 *#+0+' 6' +$*58' '++*05' ;8' $,0' !%#.0#' 2'$'0+' %#0' 0!%; #%$0' %-5' 2%#06*!!8' 1 #305' *$' 5 2*9 40-$+' $,0' #0+*!$' 6' 4*2,' 2%#06*!' 1 #3' %-5' 4*2,' %22*4*!%$05' 0E:0#'0-20

-' $,0' +4%!!0#' 2'$'0+' $,0' *:0#'-$0-50-$' 6' 2, !+' *+*%!!8' :#0:%#0+' $,0' 2 *#+0' 6' +$*58' %-5' $,0' %#5' 6' 5*2%$' -' 6 #4%!!8' %5 :$+' '$ 6 #' *+0' '-' $,0' +2, !+' $, *.,' '-' 4%-8' 2'$'0+' % 2 44'$$00' 6' $,0' %#5' 6' 5*2%$' -' -' 2 *#+0' 6' +$*58' %$$04:$+' $ ' 5 ' 1,%$' $,0' !%1+' .0-0#%!!8' .'70' '$' $,0' !0.%!' #'.,$ $ ' 5 ' ;*$ 1,'2,' '$' '+' -' ! -.0#' 2 4:0$0-$' $ ' ,%-5!0' -' $,0' !%#.0#' 2'$'0+' $,0' *:0#'-$0-50-$' %-5',' +' %++'+$9 %-$+' :#0:%#0' $,0' 2 *#+0' 6' +$*58' *+*%!!8' %6$0# 2-60#0-20+' 1',' 2 44'$$00+' +0!02$05' 6# 4' $,0' $0%2,'-.' 6 #20' %-5' $,0' 2 *#+0' '+' :#4*!.%$05' ;8' $,0' *:0#'-$0-50-$' %-5' %!$0#05' %+' -020++'$8' %#'+0+' -' 2'$'0+' ,%7'-.'% 4 50#-' #.%-'G%$' -' $,0' #'.,$' $ ' 6 #4*!%$0' $,0' 2 *#+0' 6' +$*58' '+' .*%#%-$005' $ ' $,0' *:0#'-$0-50-$' %-5',' +' %++'+$9 %-$+' ;8' $,0' #.%-'2' !%1' 6 #' $,0' 2'$8' ' '

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6 1,'2,' '-2!*50' +:02'40-' +2,040+' # 2 *#+0+' 6' +$*58' %-5' 5'+2*++' -+' 6' 40$, 5+' *$' $,0+0' %#0' 40#0!8' ;8' 1%8' 6' +*..0+$' -' %-5 - $' :#0+2#':$' -' ,0' +%40' :#%2$'20' 6' %:9 :# 7'-.' $,0' 2*##'2*!*4'%-5' $'40?$%;!0' %+' 5#%1-' *:' ;8' $,0' +2, !' :#'-2':%!' '+' ;+0#705' '-' +029 -5%#8' 05*2%$' -

0#4%-8' /' ,0' :#%2$'20' '-' 0#4%-8' '+' 4*2,' $,0' +%40' %+' $,%$' '-' -.!%-5' 1'$,' $,0' 5'66 0#0-20' $,%$' $,0' -%$*#0' %-5' 0E$0-$' 6' $,0' +*;&02$+' 1,'2,' %#0' $ ' ;0' $%*.,$ %#0' 506'-'$0!8' :#0+2#';05' 070-' + 6%#' %+' $,0' $'40' %!! $40-$' # 4' $,'+' +2,040' -!8' $,0' !%#.0#' $ 1-+' 7%#8' ,0' 2 *#+0' 6' +$*58' %+' 10!!' %+' % 5'%#8' 6' 1 #3' 5 -0' %#0+' +*;&02$' $ ' '-+:02$' -' %-5' %:: # 7%!

#%-20' /' ,0' 2 *#+0' 6' +$*58' '-' #%-20' '+' #'.9 # *+!8' :#0+2#';05' ;8' $,0' 20-$#%!' ;*#0%*2#%$'2' %*$, #'$8' %-5' -' +*;&02$' 4%8' ;0' %5505' 1'$,9 *$' '$+' 2 -+0-$' ,0' 2 -$# !' '+' 0E0#2'+05' $,# *.,' $,0' 2%5048' -+:02$ #+' ,0' $0-9 50-28' %$':#0+0-$''+$' %!! 1' 4 #0' ! 2%!' 6#005 4' %-5' '-'$'%$'70' %-5' $,0' :0#' 5' 1,0-' $,0' '-'+9 $0# 6' 5*2%$' -' 2 *!5' ! 3' %$' ,'+ 1%$2,' %-5' +%8' 0E%2$!8' 1,%$' +*;&02$' 1%+' ;0'-.' $%*.,$ $,0-' $,# *., *$' $,0' 2 *-$#8' '+' :%+ +'-.' %1%8 00' $,0' +0:%#%$0' %#$'2!0+' -' $,0' 7%#' *+' -%9 $' -%!' +8+$04+

06O#0-20+' /

$ 1 # * ' ! ' ' (' . ' ' /' 0 ' /'.0 !' H +$ -' >PK) F ' ' ' *#+0+' 6' $*58' '-' $,0' !040-$%#8' 2, !+' 6' $,0' -'$05' $%$0+' 5 ' . %6' !' ' : : NPM?JJQ # ' ' '%-5'.# # ' ' ' ' /' +02 (' 0(' ' ' . 6' 2,' E7''' ' H 01' #3' >PK) F 5' ';'!'.#%:,8 - *' ' 9 ' /' ; ' H -5 -' >PKN F % # ' $ ' ' ' +02 (' !'.(' 0 (0 ' H 01' #3' >PKQ F % *' (' % ' ; ' /' ' ' , 0 6' : :' PN?PP' H 01' #3' >PKJ F (! * ' ! (! ' ' " (' ; ' (' . ' 0(' 6' 2,+' 7' ' 7'' ' H 01' #3' >)PL F

' ' ' / ' 00) # '%# ' ! *' '% #' /4 #' *' '% #' /

' ' /' ,0' + -' 6' % 1%$2,9 4%30# 6' %#'+< 1%+'; #-' '-' >LPN' %-5' 5'05' %$ %--0+' '-' >)OL' 6$0#' %' ;#'!!'%-$' %2%504'2' 2%#00#' '-' 1,'2,' ,'+'! 70' 6 #' 4*+'2' 1%+', 1-' %-5' 2%40' -0%# 50$0#4'-'-.' ,'+' 6*$*#0' 2 *#+0' 6' +$*58' ,0' 6'-%!!8' 502'505' $ ' $%30' *:' :' ,'! + :,8' !%#.0!8' %+' $,0' #0+*!$' 6' $,0' '-6!*0-20' 6' 80#?' !!%#5' %-5' %'-0' 50' '#%-' ,'+' $0%2,0#+' -' >)>Q' ,0' +*2200505' $,0' 6 #40#' %+' :# 60++ #%$' $,0' #; --0' 1,0#0' ,0' 5'5' 4*2,' $ ' :# 4 $0' $,0' #0%2$' -' %.%'-+$' $,0' +0-+*%!'+4' 6' -5'!!%2' &<% 6*%' '+' +8+$04' ,0' ,'4+0!6' 2%!!+' 02!02$'2'+4' ;*$' $,0' '-6!*0-20' 6' 0#4%-''50%!'+4'%-5' 2 $9 $'+,'#0%!'+4'%#0' +:02'%!!8' - $'20%;!0' 0' 1%+' %:# !'6'2' %-5' 6#*'$6*!' 1#'$0#' %-5',' +' 2%#00#' %$' $,0' #; --0#07'705' $,0',%!28 -' 5%8+' 6' ;6'!%#5' 46<% %*' %-5' '!!'%4'50' ,%4:0%*E' 4<% %*% ' 6%#' %+' 05*2%$' -'+'2 -20#-05' ,0'!'30' 4%-8' $,0# $0%2,0#+' 6' $,0' :0#' 5' 6' $,0' 07 !*$' -' 1%+' 2,'06!8' '-$0#0+$05' '-' .0$$'-.',+' 60!! 1'2 *-$#89 40-' $ ' #06 #4' $,0' #0-2,' +8+$04' 6' :*;!'2

'-+$#*2$' - 0 1%+ 6 # 0'.,$ 4 -$,+ H>)MKF '-'+$0# 6 *;!'2 -+$#*2$' - *-50# ,'0#+' '70 80%#+ ;06 #0 H>)JQF ,0 :*;!'+,05 ,'+ 6%9 4 *+ " / +02 (' 0 0(6 % 1 #3 1,'2,' 0E0#2'+05 2 -+'50#%;!0 '-6!*0-20 ; $,''- #%-20 %-5 4 0#'2% %$ $,0 $'4 0 %-5''- 1,'2,' ,0 +, 1+ 6# 4 $,0 0E% 4:!0 6 $,0# 2 *-$#'0+ !'30 !!%-5 %-5 0# 4 %+ $,%$:*;9 !'2 *$'!'$8 -020++'$%$0+ $,0 2 4:*!+ #8 05*2%$' - 6 %!2,'!5#0- '+ 2%#00# 1%+ '50-$'6'05 1'$,' $,0 .#0%$ +$#*..!0 6 #%-20 6 # 2'7'! %-5''-$0!9 !02$*%!!';0#$8 %-5 $,0 4%'-':*#: +0 6 ,'+ %29 $'7'$8 1%+ $ +, 1'$,%$0-!'.,$0-40-$%-5+ 2'%! :# .#0++ %#0 '-+0:%#%;!0 0 %!+ %'505 '-$,0 1 #3 6 #0 #.%-'G'-.* -'70#+'$8 '-+$#*2$' - ;8 ,'+ 2%#06*! +$*5'0+ 6 05*2%$' -%! +8+$04+ %;# %5 0+:02'%!!8'-, '+$1 1 #3+' ' , 0(# +02 <0 <0 <0 + & (0 '+ 0 &+02 (', 0(3 !6 >)JJF %-5 ' >, 0(+02 <0 1 &+02 (', 0(1 6 >)JLF

O60#0-20+T /

+ 0 26 !': 5 0&# 3 (2 0 # 3 1 6 5 + 0 <0 2 0%$ 3 9 + (0 (2 0%2 > 0%. 3 /%+ 2 0%#> 0 - 3 " 0 , 0(+02 <0 2 0&# 3 / 1 2 0 3 C0 (2 0 3 0 0'8 0 0'8 2 0#& 3 1 (0 4 B) " 0 0 . / 0(1 27 A O&0 3 , #) (0 2 >))LF

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(6 $,0 6#*'$+ 6 $,0'# $#'0--'%! '-5*+$#8 S $,0 2 !!0.0 % +2, ! 1%+ $;0 %$$%2,05 6#00 %-5 :0-$; 8+ 6 $,'#$00- R 40$, 5 1%+ $;0 0+$%;!'+,05 6 # $,0 '-6*+'-. 6 3- 1!05.0 %-5 !%-.*%.0 %$ $,0 +%40 $'40 $ $,04 %-5 $,%$ $,'+ 4%8 ;0 $,0'# %::#0-$'209 +,':''-%$*#%!:,'! + :,8 S 0-20 +*2,' 6 $,0 2!%++'2+ %+ 50%!$ 1'$,' +2'0-$'6'2 +*;&02$+ 10#0 $;0 #0%5 '-6%2$ $,0 2 4:*!+ #8 05*2%$' - 6 %!2,'!5#0- '+ 2%#00# 1%+ '50-$'6'05 1'$,' $,0 .#0%$ +$#*..!0 6 #%-20 6 # 2'7'! %-5''-$0!9 !02$*%!!';0#$8 %-5 $,0 4%'-':*#: +0 6 ,'+ %29 $'7'$8 1%+ $ +, 1'$,%$0-!'.,$0-40-$%-5+ 2'%! :# .#0++ %#0 '-+0:%#%;!0 0 %!+ %'505 '-$,0 1 #3 6 #0 #.%-'G'-.* -'70#+'$8 '-+$#*2$' - ;8 ,'+ 2%#06*! +$*5'0+ 6 05*2%$' -%! +8+$04+ %;# %5 0+:02'%!!8' -, '+$1 1 #3+' ' , 0(# +02 <0 <0 <0 + & (0 '+ 0 &+02 (', 0(3 !6 >)JJF %-5 ' >, 0(+02 <0 1 &+02 (', 0(1 6 >)JLF

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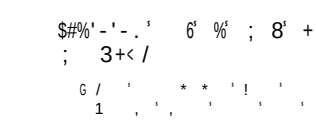
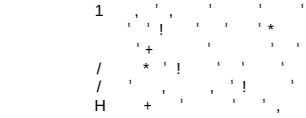
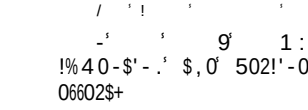
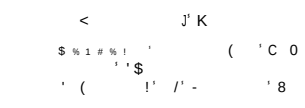
+ 0 26 !': 5 0&# 3 (2 0 # 3 1 6 5 + 0 <0 2 0%$ 3 9 + (0 (2 0%2 > 0%. 3 /%+ 2 0%#> 0 - 3 " 0 , 0(+02 <0 2 0&# 3 / 1 2 0 3 C0 (2 0 3 0 0'8 0 0'8 2 0#& 3 1 (0 4 B) " 0 0 . / 0(1 27 A O&0 3 , #) (0 2 >))LF

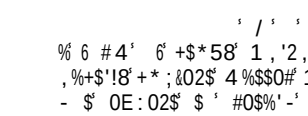
2 H>0>)?>OOLF / !$, *.,';0+$ 3- 1-%+ %: 0$ 1!08 1%+ $,0 %*$, # 6 $1 '-$0#0+$'-.' 05*2%$' -%! 0++%8+ ; *$' >OQO ,0 1# $0' $,0 + / + (

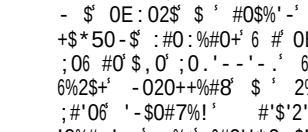


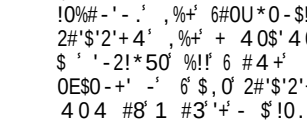


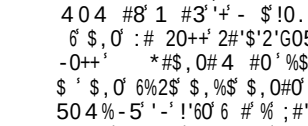


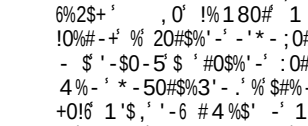


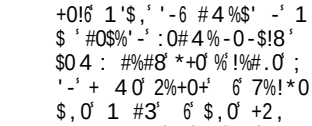


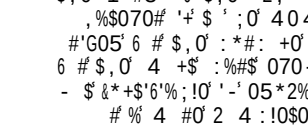


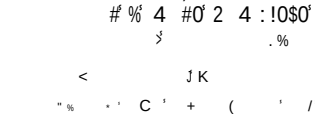


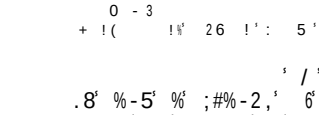


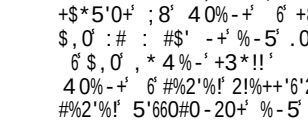


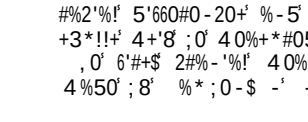


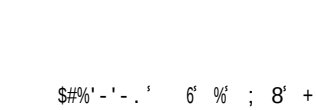












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$,# *.,' $,0' .! ;0!!%F %-5' $,0' 22':'$%!' : '-$' -' %5*!$+' $,0' %70#%.0' '+' %; *$' QN' 24 ' HNK Q' '- F' 6 #' 4%!0+' %-5' QK' 24 ' H>P L' '- F' 6 #' 604%!0+' E$#040+' 6' >L' '-2,0+' H4'2# 20:,%!'2' ,0%5F

+'.-'6'2%-$' '-' $,0' %-$,# : ! .'2%!' 2!%++'6'2%$' -' 6' #%20+' ,0-' $,0' '-50E' '+' %; 70' >KJ' $,0' +3*!!' '+' :# .-%$, *+<' 1,0-' ;0! 1'P)' #$, .-%?' $, *+<' 1,0-' ;0$100-' P)' %-5' >KJ' 40+ .-%?' $, *+' ,0' 6%2'%!' '-50E' '+' $,0' #0!%$' -' 6' $,0' ;#0%5$,' 6' $,0' 6%20' $ ' $,0' !0-.$,' ,0' !0-.$,' '+' *+*%!!8' $%30-' 6# 4' :,#8 -' #-%+' -' $ ' $,0' 40-$%!' : '-$' ,0' ! -.' 6%20' #5 !'2, 6%2'%!' ',%+' %-' '-50E' ;0! 1'PK' %-5' $,0' ;#%2,86%2'%!' %; 70' PK' ,0-' $,0' ! 10# &%1' '+' %;+0-$' $,0' +*:0#' #6%2'%!' '-50E' '+' $%30-' %-5' QK' '+' *+05' '-' :!%20' 6' PK' $,0' !0-.$,' ;0'-.' $%30-' 6# 4' -%+' -' $ ' $,0' %!70 !%#' : '-$' ,0' -%+%!' '-50E' '+' 6' 4*2,' 7%!*0' +'-20' $,0#0' '+' !'$$!0' 5'660#0-20' '-' +'G0' %-5' +,%:0' ;0$100-' $,%$' 6' $,0' +3*!!' %-5' $,0' !'7'-.' ,0%5' ,0' ,0'.,$' '+' 40%+*#05'6# 4' $,0' -%+' -' $ ' $,0' +*;-%+%!' : '-$' %-5' $,0' .#0%$0+$' $#%-+70#+0' 5'%40$0#' 6' $,0' %-$0#' #: #$' -' 6' $,0' -%+%!' %:0#$*#0' '+' $%30-' %+' $,0' 1'5$,' 3*!!+' 1'$,' %-' '-50E' ;0! 1' M)' %#0' !0:$ #,'-0< 6# 4' M)' $ ' QJ' 40+ #,'-0< %-5' %; 70' QJ' :!%$8? #,'-0' HHF*%'-F ,0' #;'$%!' '-5'20+' %#0' 6' !0+' 7%!*0'6 #'#%2'%!' 2 4:%#'+ -+' ,0'6 #4+' 6' $,0':%!%$0'%-5'50-$%!'%#2,'%#0'2 4:%#05'6 #' $,0':%!%$%!?4%E'!!%#8' '-50E' ,0' %!70 !%#' '-50E' H ! 10#F' '+' $,0' #%$' ' 6' $,0' !0-.$,'6# 4' $,0' ;%+' -' $ ' $,0' %,-0 !%#':'-$' $ ' $,0' !0-.$,'6# 4' ;%+' -' $ ' $,0'+*;-%+%!': '-$' #-%+' -' %-8' $,0# 5'%40$0#+' %-.!0+' %-5' '-5'20+',%70' ;00-

%-5' NO' '-2,0+' H4%2# 20:,%!'2' #,85# 20:,%!'2' ,0%5+F' %#0' + 40$'40+' 40$' 1'$,' '-' 2%+0+' 6' '59' 28' ,0' %70#%.0' %$' ;'#$,' '+' 6# 4' J)' $ ' MN' 24' H %2,F' #'%22 #5'-.' $ ' !$' JQ Q' 24' H>J P' '- F' 6 #' ;8+' %-5' JM Q' 24' H>J Q' '- F' 6 #.'#!+' %-8' $,0# 40%+*#040-$+' %#0' $%30-' $ ' 50$0#4'-0' 4 #0' %22*#%$0!8' $,0' 6 #4' 6' $,0' +3*!!

,0' 2%:%2'$8' 6' $,0' +3*!!' 40%+*#05' '-' 4%-8' 1%8+' 660#+' + 40' '-5'2%$' -+' 6' ;#%'-' 5070!:9 40-$' #$ -' %-5' # 2%'6'!!'-.' $,0' +3*!!' 1'$,' +4%!' +, $' 40%+*#05' #' 10'.,05' $,0' +, $' $' 50$0#4'-0' $,0' 2*;'2%!' 2 -$0-$+' 6' $,0' +3*!!' *23' ! 10#' 0!2,0#' '050#4%-' %-5' $,0#+' ,%70':*#+*05'%+'4'!%# 40$, 5'*+'-.' 1,'$0' 4*+9 $%#5'+005' :0%#!' ;%#!08' +4%!' ;0%5+' 0$2' +' %#*!0' +3*!!+' #%-.'-.' 6# 4' >JQK' $ ' >MQK' 22' %#0' 40+ 20:,%!'2' H 40#'2%-' -5'%-+' ,'-0+0F' $, +0' 70# >MQK' 22' 4%2# 20:,%!'2' H(%:%-0+0' +3'4 +F' %-5' $, +0' *-50# >JQK' 22' 4'2# 209:,%!'2' H *+$#%!'%-+' *+, 40-F' ,0#0' '+' -' 5'#02$ 07'50-20' $,%$' $,0' +'G0' %-5' +,%:0' 6' $,0' +3*!!' %#0' 2! +0!8' #0!%$05' $ ' '-$0!!'.0-20' ;*$' $,0#0' %#0' !'4'$%$' -+' ;08 -5' 1,'2,' $,0' #0!%$' -+,':' '+' U*'$0' %:'%#0-$' ,'+' +' - $'20%;!0' %4 -.' 4%-8' $8:0+' 6' 40-$%!!8' 506'2'0-$' 2,'!5#0-

,0#0' %#0' 6 *#:#'-2':%!' 6%2'%!' %-.!0+' 1,'2,' 4%8' ;0' +00-' '-' $,0' %22 4:%-8'.' 5'%.#%4' ,0' %-.!0' 6' %4:0#' '+' $,0' !50+$' ,0' %-.!0' 6' 0 66#08' %'-$? '!%'#0' %-5' *7'0#' H>LPQF' ,%+' ;00-' %;%-5 -05' ,0' %-.!0' 6' (*!0+' ! U*0$' H>)N>F' '+' %' 40%-' ;0$100-' $,0' :#0205'-.' $1' %-5' '+' :#;%;!8' $,0' 4 +$' '4: #$%-$' ,0' %-.!0' 6' (%2U*%#$' '+' $,0' 6 *#$,

-'.0-0#%!' $,0' 6%2'%!' %-.!0'+0#70+' $ ' '-5'2%$0' $,0' :# .-%$' -' 6' $,0' *::0#' &%1' 1,'2,' '+

5*2%$' #0020 (', 0(%# /' 0(6 !, PH'?>)PL ! 2, 7''' Z 9 0; % H %#'+ >PKN F

/ 6 #4 6 ! 1?.#%50 '49 ;02'!'$8 # '5' 28 0'$,0# 0-504'2 # +: #%5'2 2,%#%2$0#'G05 ;8 % :02*!'%# +$*-$'-. 6 .# 1$, %-5 %++ 2'%$05 1'$, $,0 %;+0-20 # 5'+0%+0 6 $,0 $,8# '5 .!%-5 $ '+ 0-504'2 '- 1'50!8 +2%$$0#05 ! 2%!'$'0+ $,# *., *$ $,0 1 #!5 ;*$ 22*#+ 4 +$ 6#0U*0-$!8 '-' 20#$%'-' 7%!!08+ %-5 +! :0+ 6 4 *-$%'- *+ #0.' -+ 6 *# :0 / '-' 1'$G0#!%-5 #%-20 :%'- %-5 $%!8 *2, %-0-504'2 ,%+ ;00-' #0: #$05 '- $,'+ 2 *-$#8 '- 20#$%'- :%#$+ 6 %!'6 #-'% 0#9 4 -$ '--0+ $% -$%#' %-5 0!+01,0#0 ,0 2%*+0+ %#0 - $ 10!! *-50#+$ 5 ;*$ %#0 $, *., $ $;0 5*0 $ *-,0%!$,8 2 -5'$' -+ %#'+'-.' 6# 4 $,0 2!'4%$0 + '! # 1%$0# +*::!8 2 *:!05 1'$, $,0 !'30!', 5 6 + 40 %22*4*9 !%$' - 6 ,0#05'$%#8 10%3-0++0+ +*2, %+ 4'., $ 6 # 0E%4:!0 %#'+0 $,# *., '-$0#4%##'%.0 '- '+ !%$05 2 44*-'$'0+

: #%5'2 2#0$'-'+4 H2#0$'- '5 '5' 28 '+ % #0!%$'70!8 #%#0 2 -5'$' - 5*0 $ $,0 %;+0-20 6 $,0 '-$0#-%! +02#0$' - 6 $,0 $,8# '5 .!%-5 R ,0 +84:$ 4+ 6 2#0$'-'+4 '- 4 +$ 2%+0+ 4%30 $,0'# %::0%#%-20 5*#'-. $,0 6'#+$ 80%# ;*$ %#0 + 40$'40+ + +!'.,$ %+ - $ $;0 - $'205 *-$'! $,0 +070-$, # 0'., $,' 80%# , ,0 .0-0#%! %::0%#%-20 6 $,0 2#0$'- '+ +$#'3'-. '%-5 + 2,%#%2$0#'+$'2 $,%$ 1,0- -20 +00- $,0 5'+0%+0 2%-, %#5!8 6%'! $;0 #02 .-'G05 ,0 ; 58 '+ .#0%$!8 51%#605 %-5 2,'!5#0- 6 6'6$00- 80%#+ %#0 6$0- -!8$1 %-5 %, %!6 #$,#00 600$ '-, 0'., $!! $,0 0E$#04 '$'0+ $,0 6'-.0#+ %-5 $,0 $ 0+ %#0 +, #$ %-5 $,'23 ,0 +*;2*$%-0 *+ $'++*0 +004+ 70#8 $,'23 %-5 ; ..8 ;*$ 5 0+ - $:'$ *: - :#0++*#0 !'30 #5'-%#8 2050 4% ,0 6%2'0+ '+ 0E$#04 0!8 2,%#%2$0#'+$'2 ,0 ,0%5 +004+ !%#.0 6 # $,0 ; 58 $,0 6 -$%-0! '+ :0- *-$'! $,0 0'., $, # $0-$, 80%# %-5 '$ 4%8 - $;0 2! +05 070- '-' %5*!$+ $,0 6 #0,0%5 '+ ! 1 %-5 $,0 ;%+0 6 $,0 - +0 '+ ;# %5 + $,%$ $,0 080+ %#0 1'50 %:%#$ $,0 !':+ %#0 $,'23 $,0 4 *$, ,%!6 :0- %-5 $,0 $ -.*0 *+*%!!8 :#9 $#*50+ +!'., $!8 $,0 2,003+ %#0 ;%..8 $,0 ,%'# 2 %#+0 +$#%'., $ %-5 .0-0#%!!8 !'., $?2 ! *#05 ,0 00, %::0%# 70#8 !%$0 %-5 %#0 %:$ $ 502%8 0%#!8 S H !$ F

,0 2 -5'$' -' +- 0 6 40-$%! %-5 :,8+'2%! 0-600;!040-$ 1%!3'-.' %-5'+:002, %#0 %2U*'#05 !%$0 %-5 ?1,0-' 6'6$00-' # 0'.,$00-' 80%#+ !5 $,0 2#0$'-+%::0%# !'30 2,'!5#0-' 6 $1 # $,#00 80%#+ S 4 $' -%!!8 $,08 %#0 . 5?-%$*#05 +0!5 4 $# *;!0+ 40 %-5 4%8 +, 1 + 40 %%6029 $' - ,0 $#0%$40-$ 6 +: #%5'2 2#0$'-'+4 %+ 6 48E050 4%'-. 0-0#%! ;8 *+0 6 $,0 $,8# '5 .!%-5+ 6 %-'4%!+ 6*#-'+,0+ -0 6 $,0 4 +$;#'!!'%-$ 2,%:$0#+ '-' 405'2'-0 R -' %2U*'#05 # :0#%$'70 48E050 4% $,8# '5 6005'-. 4%8 ;0 2 -+'50#05 0+$%;!'+,05 %+ % 2*#%$'70 $#0%$9 40-$ -' 2%+0+ 6 48E050 4%$ *+ #0$%#5%$' - '$+ #0+*!$+ %::0%# 0U*%!!8 ;#'!!'%-$ -' +: 9 #%5'2 2#0$'-'+4 '$ '+ 2%:%;!0 6 :# 5*2'-.' $,0 4 +$ 4%#70! *+ '4:# 7040 $ 1,'2,' +' 2 49 :!0$0 '-' :# : #$' -' %+ '$ '+ %5 :$05 0%#!8 '- !'60 -' 0-504'2 2#0$'-'+4 '$+ 066O2$+ %#0 ;0-09 6'2'%!' ;*$ %+ 80$ '$+ :# :0# 7%!*0 '+ - $ 0+$%;9 !'+,05 S H ,*#2,'%-5 0$0#+ - F

,0 2,'06 5'660#0-20 ;0$100-' $,0 +: #%5'2 %-5 $,0 0-504'2 +004+ $;0 -0 6 50.#00 :,8+'2%!!8 $,0 -!8 5'+$'-2$ -' ;0'-.' $,0 :#0+0-20 6 $,0 . '$# *+ 0-!%#.040-$ '-' $,0 6 #40#' R ,0 '+ !%$05 0E%4:!0+ 6 2#0$'-'+4 $,%$ %#0 - 1 6 *-5 '-' $,'+ 2 *-$#8 %-5 '- -.!%-5 2%-' ,%#5!8 ;0 2%!!05 $#*0 2#0$'-'+4 %+ !%23'-.' $+ -$0-+'$8 6 2 %#+0-0++ %-5 +$*:'5'$8 ,0+0 %#0 $,0#06 #0 ;0$$0# 2!%++05 %+ 504'?2#0$'-+ # (H %## F

$ % / (H ,'!%50!:,'% >PKM F . %-5' * # - 0 H ,'!%50!:,'% >PKJ F - #3 >PKN F + % / ((! H -5 - >PK) F

/ 2 !! U*'%! 0E:#0++' -' 6 # % $,06$ 0-20 '-' 2 44 -' *+%.0 %-8$,'-. *+05 # 2 :'05 ;8 % :0#+ -' 1'$, *$ 5*0 %23- 1!05.9 40-$ $ $,0 %*$, #' -' 2 !!0.0 +!%-. % -8 2 :'05 4%$0#'%! *+05 $ 2,0%$ 1'$,' '-' % $0+$ #02'$%$' -' # 0E%4'-%$' - R: -8 S # !'$0#%! $#%-+!%$' -' 6 % 2!%++'2 %*$, #';02 40+ % R 2#';J 1,0-' *+05 %.%'-+$ $,0 1'+,0+ 6 $,0 $0%2,0# 6 !%-.*%.0+ ,0 $0#4' +!%+ *+05 '-' -.!+,' +2, ! +!%-.' $ #060# $,0 :0#+ -' 1, R 2#';+ S

OO' - # ', *

/ ,0 -%$' -%! .%40 6 #0%$ #'$%'- $ '+ !%805 '-' 070#8 :%#$ 6 #0%$ #'$'+, 2 ! -'0+ '30 $,0# 4 50#-' ;%!! .%40+ 2#'230$,%+ ;00-' 5070! :05 6# 4 +'4:!0# .%40+ '-' 1,'2,' $,0 2,%#%2$0#'+$'2 1%+ $ +$#'30 % ;%!! 1'$,' % +$'23 ,0 0++0-$'%! 60%$*#0+ 6 $,0 :#0+0-$.%40 ,%70 ;00-' $#%205 $ $,0 .%40 6 (6 :!%805 '-' -.!%-5 5*#'-.' $,0 $,'#$00-$,' 20-$*#8 +'-' 6 $;%!! 4%-8 066 #$+ 10#0 4%50 $ +*:9 :#0++ 2#'230$' 51%#5' 502!%#05 '$ *-6'$ 6 #%-8 ;*$ $,0 ! 10# 2!%++0+ %-5 51%#5' 4%50 '$ '!!0.%!' >LM)' $ 1%+ 502!%#05 ;8 !%1'$,%$ 2#'230$ 1%+ R % 70#8 4%-!8 .%40 - $;%5 '-' '$+0!6 ;*$ -!8 '-' $,0 '!! *+0 6 '$;8 ;0$$'-. 4 #0 $,%-' $0-' : *-5+ -' $ S + -' ;02%40 70#8 : :*!%# %-5 1%+ :!%805 ;8 %!! 2!%++0+ %-5 ;8 $,0 0-5 6 $,0 0'., $00-$, 20-$*#8 '$,%5 ;02 40 $,0 -%$' -%! .%40 #'230$ '+ :!%805 ;8 :#%2$'2%!!8 %!! +$*50-$+ '-' 070#8 05*2%$' -%! '-+$'$*$' - 6# 4 $,0 0!040-$%#8 +2, ! $ $,0 *-'70#+'$8 $ '+ :!%805 -' % 70#8 +4 $, .#%+' 6'0!5 ;8 $0%4+ 2 -+'$'-. 6'0!070-' :!%80#+ ,0 ;%!! *+05 '+ 6 2 #3 ; *-5 1'$,'+$#'-.' %-5' 2 70#05 1'$,' 2 19 ,'50 '$ 10'., + 6 *# %-5 % ,%!6 *-20+ %-5 40%+*#0+ -'-0 '-2,0+ '-' 2'#2* 460#0-20 $,0 ;%$

'+ʻ $,'#$8?0'.,$ʻ '-2,0+ʻ ! -.ʻ %-5ʻ 6 *# %-5ʻ -0?ʻ ,%!6ʻ '-2,0+ʻ 1'50

%-8ʻ 04'-0-$ʻ 05*2%$ #+ʻ :,8+'2'%-+ʻ %-5ʻ +$%$0+40-ʻ ,%70ʻ 1#'$$0-ʻ -ʻ$,0ʻ 7%!*0ʻ 6ʻ 2#'230$ʻ %+ʻ % 6%2$ #ʻ '-ʻ :,8+'2%!ʻ %-5ʻ 4 #%!ʻ 05*2%$'ʻ -ʻ ʻ.#0%$ʻ %57%-$%.0ʻ 6ʻ 2#'230$ʻ '+ʻ $,%$ʻ !'30ʻ . !6ʻ '$ʻ 4%8ʻ ;0ʻ :!%805ʻ ;8ʻ 8 *-.ʻ %-5ʻ !5ʻ +$ʻ 6ʻ $,0ʻ 40#'2%-ʻ +2, !ʻ %-5ʻ 2 !!0.0ʻ +: #$+ʻ %#0ʻ +ʻ 7' !0-$ʻ $,%$ʻ 601ʻ 6ʻ $,04ʻ 2%-ʻ ;0ʻ '-5*!.05ʻ '-ʻ ;8ʻ 40-ʻ '-ʻ 4'55!0ʻ !'60ʻ 1'$,ʻ $,0ʻ #0+*!$ʻ $,%$ʻ 0E0#2'+0ʻ '+ʻ -0.!02$05ʻ ;8ʻ 40#'2%-ʻ 40-ʻ + -ʻ %6$0#ʻ $,08ʻ !0%70ʻ 2 !!0.0ʻ $ʻ+ʻ 1'$,ʻ -.!'+,9 40-ʻ 1, ʻ 2 -$'-*0ʻ $ʻ 50#'70ʻ ;0-06'2'%!ʻ 0E0#9 2'+0ʻ %-5ʻ #02#0%$'ʻ -ʻ6# 4ʻ 2#'230$ʻ :#%2$'2%!!8ʻ %!ʻ $,# *.,ʻ !'60

#'230$ʻ ,%+ʻ -070#ʻ 6! *#'+,05ʻ '-ʻ $,0ʻ -'$05ʻ $%$0+ʻ *$+'50ʻ 6ʻ % 601ʻ 2!*;+ʻ 4%50ʻ *:ʻ !%#.0!8ʻ 6ʻ -.!'+,40-ʻ $ʻ %#7%#5ʻ %-5ʻ % 601ʻ $,0# 2 !!0.0+ʻ 2#'230$ʻ $0%4+ʻ ,%70ʻ ;00-ʻ 4%'-$%'-05ʻ ;8ʻ -.!'+,ʻ+$*50-$+ʻ ;*$ʻ $,0#0ʻ '+ʻ -ʻ '-5'2%$'ʻ -ʻ $,%$ʻ $,0ʻ .%40ʻ 15!!ʻ ;0ʻ $%30-ʻ *:ʻ ;8ʻ 40#'2%-ʻ +$*50-$+ʻ ,0ʻ .#0%$ʻ :ʻ*!%#'$8ʻ 6ʻ ;%+0;%!!ʻ '+ʻ *-5 *;$05!8ʻ #0+:-+';!0ʻ $ʻ % !%#.0ʻ 0E$0-$ʻ 6 # $,0ʻ !%23ʻ 6ʻ '-$0#0+$ʻ '-ʻ 2#'230$ʻ ;8ʻ $,0ʻ 40#'2%-ʻ +$*50-$+ʻ

O60#0-20+ʻ/

E ʻ ʻ !ʻ ʻ + ((ʻ /ʻ (9 ʻ H -5 -ʻ >)O)F

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ʻ ʻ ʻ ʻ

/ʻ 0#4%-8ʻ /ʻ ,0ʻ 6'#+$ʻ %$$04:$ʻ $ʻ 05*2%$0ʻ 2#'::!05ʻ 2,'!5#0-ʻ '-ʻ +2, !+ʻ 0+:02'%!!8ʻ %5%:$05ʻ $ʻ $,04ʻ 1%+ʻ 4%50ʻ '-ʻ >)JN;8ʻ #ʻ *#G'%ʻ 2'$'G0-ʻ 6ʻ *-'2,ʻ 0ʻ,%5ʻ ;+0#705ʻ $,0ʻ +%5ʻ ! $ʻ 6ʻ $,0ʻ 2#'::!05ʻ 2,'!5#0-ʻ '-ʻ $,0ʻ 2 4 4 -ʻ +2, !+ʻ 1,0#0ʻ $,08ʻ 10#0ʻ $,0ʻ ;*$$ʻ 6 #ʻ $,0ʻ & 30+ʻ 6ʻ $,0ʻ ,0%!$,8ʻ +2, !%#+ʻ 0ʻ,%5ʻ ;+0#705ʻ %!+ʻ $,0ʻ 2 -5'$'-ʻ 6ʻ $,0ʻ 2#'::!05ʻ 2,'!5#0-ʻ 1,0-ʻ *:-ʻ !0%7'-.ʻ +2, !ʻ $,08ʻ 4*+$ʻ 2, +0ʻ %-ʻ 22*:%$'-ʻ ,0-ʻ %+ʻ -1ʻ $#%50+ʻ 1,'2,ʻ #0U*'#05ʻ:,8+'2%!ʻ +$#0-.$,ʻ 10#0ʻ 2! +05ʻ $ʻ $,04

-ʻ %55'$'-ʻ $,0ʻ +*:0#+$'$'*+ʻ 60%# $,%$ʻ $,0+0ʻ : # *-6 #$*-%$0+ʻ 1 *!5ʻ ;#'-.ʻ ;%5ʻ !*23ʻ :#09 70-$05ʻ $,0'# ;0'-.ʻ $%30-ʻ '-$ʻ , 40+ʻ 15'0#0ʻ !'.,$0# 04:! 840-$ʻ 4'.,$ʻ ,%70ʻ ;00-ʻ 6 *-5ʻ 6 # $,04ʻ + ʻ $,0#0ʻ 1%+ʻ - $,'-.ʻ !06$ʻ 6 # $,04ʻ ;*$ʻ $ʻ ;02 40ʻ % :#08ʻ # ;*#50-ʻ -ʻ + 2'0$8ʻ #ʻ *#G!+ʻ :!%-ʻ 1%+ʻ $ʻ .'70ʻ $,0ʻ 2#'::!05ʻ 2,'!5#0-ʻ % +:02'%!!8ʻ . 5ʻ 05*2%$'ʻ -ʻ %-5ʻ %-ʻ :: #$*-'$8ʻ $ʻ !0%#-ʻ % $#%50ʻ 1'$,ʻ 1,'2,ʻ $,08ʻ 2 *!5ʻ 0%#-ʻ %ʻ !'70!', 5ʻ ,0ʻ *#Gʻ *-5%9 $'-ʻ ,%5ʻ '-ʻ$,0ʻ ;0.'--'-.ʻ 4%-8ʻ 5'66'2*!$'0+ʻ $ʻ 2 -$0-5ʻ 1'$,ʻ 1070#ʻ '-.ʻ *51'.ʻ ʻ 6ʻ %7%#'%ʻ $ 3ʻ %-ʻ '-$0#0+$ʻ '-ʻ $,0ʻ +2, !ʻ 6 # 2#':!0+ʻ %-5ʻ $#%-+6 #405ʻ '$ʻ '-$ʻ %ʻ +$%$0ʻ '-+$'9 $*$'-ʻ $,*+ʻ 4%3'-.ʻ '$ʻ '-50:0-50-$ʻ 6ʻ :0#+ -+ʻ %-5ʻ +02*#'-.ʻ '$+ʻ 0E'+$0-20ʻ 6 #ʻ %!ʻ $'40ʻ ,0ʻ *-'2,ʻ +2, !ʻ 6 # 2#':!0+ʻ 1%+ʻ % 4 50!ʻ 6 # -0%#!8ʻ %!ʻ $,0ʻ !%$0#ʻ 6 *-5%$'-+ʻ 1,'2,ʻ ,%70ʻ ;00-ʻ 2#0%$05ʻ '-ʻ 0#4%-8ʻ 5*#'-.ʻ $,0ʻ !%+$ 20-9 $*#8ʻ $'+ʻ % :02*!'%#'$8ʻ 6ʻ $,'+ʻ +2, !ʻ $,%$ʻ '$+ʻ :*:'!+ʻ #020'70ʻ -ʻ $ -!8ʻ'-+$#*2$'-ʻ;*$%!+ʻ6 5ʻ 2!$,'-.ʻ%-5ʻ! 5.'-.ʻ ,08ʻ %#0ʻ $%30-ʻ6# 4ʻ$,0ʻ :%#0-$%!ʻ, 40ʻ%-5ʻ #0$*#-ʻ$ʻ$,0ʻ6%4'!8ʻ -!8ʻ 6 #ʻ % 601ʻ 4 -$,ʻ 5*#'-.ʻ$,0ʻ 7%2%$'-ʻ -ʻ $,0ʻ *-'2,ʻ +$%$0ʻ '-+$'$*$'-ʻ :*Y '!+ʻ %#0ʻ 6'#+$ %54'$$05ʻ;0$100-ʻ$,0ʻ%.0+ʻ 6ʻ 0!070-ʻ%-5ʻ6 *#9 $00-ʻ%-5ʻ #04%'-ʻ6 #ʻ$,#00ʻ 80%#+ʻ ,0ʻ ; %#5ʻ 6ʻ % 2#':!05ʻ2,'!5ʻ6 #ʻ$,0ʻ$,#00ʻ80%#+ʻ%4 *-$+ʻ $ʻ >MKK'4%#3+ʻ ,%$ʻ$,0ʻ'-+$#*2$'-ʻ'+ʻ 1:0!!? :!%--05ʻ.'7'-.ʻ$,0ʻ2,'!5#0-ʻ%ʻ #0%!!8ʻ 506'-'$0ʻ 05*2%$'-ʻ'+ʻ+00-ʻ6# 4ʻ$,0ʻ6%2$ʻ$,%$ʻ *$ʻ 6ʻ$,0ʻ :*:'!+ʻ 1,ʻ %$$0-505ʻ$,0ʻ *-'2,ʻ -+$'$*$0ʻ 6# 4ʻ>)LLʻ$ʻ >PKNʻPK'0# 20-$ʻ 10#0ʻ%;!0ʻ%6$0#9 1%#5+ʻ$ʻ 0%#-ʻ$,0'# !'70!', 5ʻ -ʻ 0#4%-8ʻ $,0#0ʻ %#0ʻ '-ʻ %!!ʻ $,'#$8?-'-0ʻ '-+$'$*$'-+ʻ 1'$,ʻ JJL>;05+'; *$ʻ$,0ʻ-*4;0# 6ʻ2#'::!05ʻ2,'!5#0-ʻ '-ʻ$,0ʻ1, !0ʻ 6ʻ 0#4%-8ʻ'+ʻP) NKJʻ -0ʻ 6ʻ $,0ʻ4 +$ʻ'4: #$%-$ʻ 6ʻ$,0ʻ-010#+2, !+ʻ1%+ʻ #.%-'G05ʻ'-ʻ 1%10+ʻ-0%# $+5%4ʻ'-ʻ>))Oʻ %-5ʻ,%+ʻ %-ʻ %$$0-5%-20ʻ 6ʻ NKKʻ ,0ʻ 5'+$'-9 .*'+,'-.ʻ4%#3ʻ 6ʻ$,'+ʻ+2, !ʻ'+ʻ'$+ʻ50:%#$40-$ʻ 6 #ʻ$,0ʻ05*2%$'-ʻ 6ʻ2,'!5#0-ʻ 1,ʻ %#0ʻ ;!'-5ʻ 50%6ʻ5*4;ʻ%-5ʻ2#':::!05ʻ 6ʻ$,0+0ʻ0+:02'%!!8ʻ %66!'2$05ʻ2,'!5#0-ʻ$,0#0ʻ%#0ʻN>Qʻ'-ʻ #*++'%ʻ%! -0 0-4%#3ʻ/ʻ ,0ʻ 4 50!ʻ+2, !ʻ 6ʻ *# :0ʻ 6 # 2#':::!05ʻ 40-ʻ =40-ʻ%-5ʻ2,'!5#0-ʻ 1%+ʻ 6 *-505ʻ'-ʻ :0-,%.0-ʻ'-ʻ>)LNʻ%-5ʻ'+ʻ+$'!!ʻ $,0ʻ -!8ʻ -0ʻ'-ʻ 0-4%#3ʻ -ʻ$,'+ʻ+2, !ʻ$,0ʻ %'4ʻ'+ʻ$ʻ6'$ʻ$,0ʻ:*:'!+ʻ$ʻ. ʻ *$ʻ'-$ʻ$,0ʻ 1 #!5ʻ %-5ʻ $%30ʻ :+'$'-+ʻ$,%$ʻ 1'!!ʻ #0-50#ʻ $,04ʻ+0!6?+*::#$'-.ʻ ,0ʻ''*$'$*$'-ʻ,%+ʻ6'70ʻ 5'7'+'-+ʻ-%40!7'H>Fʻ 9 6ʻH%Fʻ %-5%.0ʻ 4 !5ʻ%-5ʻ2 #+0$ʻ4%3'-.ʻ+%55!0#8'6 #.'-.ʻ%-5ʻ +, 04%3'-.ʻ%#2ʻ$%*.,$ʻ$,0ʻ%#$'2!0+ʻ4%50ʻ;0'-.ʻ 6 #ʻ$,0ʻ*+0ʻ 6ʻ$,0ʻ2#':::!0+ʻ 0#0ʻ%#0ʻ-*4;0#+ʻ 6ʻ :*:'!+ʻ 1'$,ʻ *$ʻ;%-5+ʻ 10%#'-.ʻ%:!'%-20+ʻ 1,'2,ʻ 0-%;!0ʻ$,04ʻ$ʻ, !5ʻ%$ ʻ!ʻ%-5ʻ+$0%58ʻ $,0ʻ4%$0#'%!ʻ1= #305ʻ*:-ʻHOFʻ 2, !ʻ6ʻ,%-5'9 2#%6$ʻ%-5ʻ4%-*%!ʻ 1 #3ʻ 2 -+'+$'-.ʻ 6ʻ 1 5ʻ 2%#7'-.ʻ;3;'-5'-.ʻ;#*+,?4%3'-.ʻ&'-0#8ʻ 5#0++4%3'-.ʻ10%7'-.ʻ-005!01 #3ʻ, *+0300:9 '-.ʻ2 3'-.ʻ%-5ʻ 66'20ʻ1 #3ʻ ,0ʻ%.0ʻ6ʻ$,0ʻ :*:'!+ʻ 7%#'0+ʻ 6# 4ʻ 6 *#$00-ʻ $ʻ $10-$8?+'E HNFʻ ›ʻ .(6ʻ 1,0#0ʻ $,0ʻ #*5'40-$%#8ʻ ;#%-2,0+ʻ %#0ʻ $%*.,$ʻ 4:,%+'+ʻ '+ʻ !%'5ʻ *:-

A Primary Class: in Adjustable Seats and Desks.

The Kindergarten Class: Listening to a Story.

The School Wagon.

SPECIAL CLASSES FOR CRIPPLED CHILDREN.

$,0 4*+'2%! $#%'-'-. HJF (6 1,0#0 :%$'0-$+ %#0 $#0%$05 %-5 ;%-5%.0+ 1 !0.+ +:02'%! 2 #+0$+ ; $+ 0$2 %#0 +*::!'05 ,0+0 %#0 4%50 ;8 $,0 :*:'!+ '-$,0 1 #3+, :+ %$ $,0 #50# 6 $,0 +*#.0 -+ '-%$$0-5%-20 %-5 6 + 40 6 #40# :*:'!+1, ,%70 ;02 40 $0%2,0#+ HMF 6 1,0#0 :*:'!+5 6# 4 $,0 2 *-$#8 !'70 5*#'-.%::#0-$'20+,': ,0 6*#-'+,'-. 6 $,'+ , 40 %#0 4%50 '-$,0 5'660#0-$ 1 #3+, :+ ;8 $,0+0 2,'!5#0- HQF " (6 %$ $,0 +0%+'50 6 # $,0 4 +$ 5'+0%+05 :%$'0-$+ %22 49 4 5%$'-.6 #$8% *# '- >PKP

1050- / -5*+$#'%! +2, !+ 6 # %5*!$ 2#'::!0+ 10#0 0+$%;!'+,05 %$ $,0-;*#.%-5 %#!+3# -% '- > Q %$ 0!+'-.; #.' >))L 5%-5 '- $ 23, !4 '- >)LP %-5 $)PN #'::!05 2,'!5#0-%#0 - $ %54 '$$05 $ $,0 :*;!'2 +2, !+ ;*$ +:02'%! $0%2,0#+ %#0 +*::!'05 ;8 $,0 +2, ! ; %#5 $ $0%2,$,04 '-$,0'# , 40+ %6$0# +2, ! , *#+' 4 +$ 2%#06*! +*:0#7'+' - '+ 0EO#9 2'+05 70# $,0 :,8+'2%! 2 -5'$' - 6 $,0 :*;!'2 +2, ! :*:'!+ - $,0 2%+0 6 50602$+ +*2,%+ 2*#7%$*#0 6 $,0 +:'-0 # *-5 +, *!50#+ # 6%*!$8 : +$*#0 $,0 $0%2,0# +0-5+ $,0 2,'!5#0-$ $,0 # 8%! .84-%+'*4 1,0#0 2*#%$'70 $#0%$9 40-$ '+ .'70- 6#00 6 2,%#.0 $? $,0 : # $ 23, !4 ,%+ $1 +2, !+ +*:: #$05 + !0!8 ;8 :#'7=%$0 2 -$#';*$' -+ -0 $,0 R 2'0$8 '- '5 6 $,0 06 #405 %-5 -6'#4 S :0-05 '- >)PN %- '-5*+$#'%! +2, ! 2%#'-.0+:02'%!!8 6 # $,'#$8? 6'70 %5*!$+ 0-%;!'-.$,04 9 +0!70+ %+ 6%# %+ : ++';!0 %-5 $,0 R *.0-'% 040 0$ S :0-05 '- >)LP 1 '$,'%-0-# !!40-$ 6 >PK %54 '$$'-. ; $,' %5*!$+ %-5 2,'!5#0- ,'+ ,%+ $,0 ;0+$ 0U*':40-$ 6 %-8 +2, ! '- *# :0 0#0 $,0 +$#0++ '+ !%'5 *: -' %. 5 .0-0#%! 05*2%$' - #%$,0# $,%- %' $#%'-'-. 6 # $,0 $#%50+ $ 4%30+ :# 7'+' - '- $,0 2!%++9 # 4 6 # % -*4 ;0# 6 $,0 2,'!5#0- 1, %#0 '- ;05

#1%8 / ,0 !%#.0 +2, ! 6 # 2#':::!0+ '+ $,0 R :,'0 '-50 S '- ,#'+$'%-'% ,'+ +2, ! +$%-5+ 0+:02'%!!8 6 # 4%-*%! $#%'-'-. %-5 +, 1+ $,%$ $,0 4 +$,0!:!0++ 2#':::!0+ %#0 2%:%;!0 6 $,0 6'-0+$,%-5'2#%6$ -50#6*! 0E%4 :!0+ 6 +0!6?50:0-50-20 %#0 +00-1 %4%- 1'$, *$ 6'-.0#+ 2%#70+ 4 +$ '-$#'2%$0 50+'.-+ '-6*#-'$*#0 8 40%-+ 6 ,0# 00,' %.'#! 1'$,' - %#4+ 4%30+ 4 +$ 0!%; #%$0 %-5 0E9 U*'+'$0 !%20

#0%$ #'$%'-' / ,0 +2, !+ 6 # 2#':::!05 2,'!5#0- %#0 % #02 .-'G05 :%#$ 6 $,0 +8 +60 4 6 :*;!'2 '-+$#*2$' - ,08 %#0 '- ;*'!5'-.+ 6 $,0'# 1- %-5 %#0 0U*':::05 1'$,5*#-'$*#0 %-5 %::!'%-20+ 0+:02'%!!8 %5%:$05 $ $,0 -005+ 6 $,0 2#':::!05 2,'!5 %2,+2, !,%+ %- %4;*!%-20 # $1 0+:02'%!!8 2 -+$#*2$05 %$.#0%$ 0E:0-+0 $ %54 '$ 2,'!5#0- -+$#0$2,0#+ %-5 '- -7%!'5 2,%'#+ %-5 %!! %#0 2 -70805 $ %-5 6# 4 $,0'# , 40+ -*#+0 # % :%'5 %$$0-5%-$%22 4:%-'0+0%2,'%4;*!%-20 ,0- $,0 %4;*!%-20 %##'70+ %$ +2, ! $,0 2,'!5#0- %#0 .'70-2 5 !'70# '! %-5 405'2'-0+ :#09 +2#';05 ;8 $,0'# :,8+'2'%-+ %-5 %$ $,0 4 #-9 '-. #020++ 2#%230#+ %-5 4'!3 ,0 !%#.0+$ -*4;0# 6 +2, !+ '+ '- -5 - 0#0 $,0#0 '+ :# 7'+' - 6 # $,0 '-+$#*2$' - %-5 :,8+'2%! '4:# 7040-$ 6 2#':::!05 2,'!5#0- 1,'2,' +6%# '- %57%-20 6 $,%$ 6 %-8 $,0# 2 *-$#8 ,0 6'#+$ 066 #$ $:# 7'50 6 # +:02'%! 05*2%$' - 6 # 2#':::!05 2,'!5#0- -5 - 1%+ '- >))H 1,0-$,0#0 1%+ 6 #405 %- -7%!'5 ,'!5#0- '5 2'0$8 1,'2,' 4%50 4%-8 0E:0#'40-$+ ,0- #+ *4:,#8 %#5 ;02%4 0 '-$0#0+$05 %-5 '-5*205 $,0 -5 - 2, ! %#5 $ $%30 *:% +2,040 '- >)P) 1,'2,' +,0 ,%5 1 #305 *$ %$ $,0 %++4 #0 51%#5+ 0$$!09 40-$ '- %#7'+$ 23 !%20 ,0 ,%5 ;$%'-05 $,0 *+0 6 + 40 .# *-5?6! # # 4+!0%5'-.* $ '-$ % ;0%*$'6*! .%#50- 1 $,% -*#+0 $ +*:0#9 '-$0-5 %-5 .0-0# *+!8 :#0+0-$05 %- %4 ;*!%-20 $ 2 -708 $,0 $10-$8?6'70 2,'!5#0- $ %-5 6# 4 $,0 +0$$!040-$ +$,'+ 066 #$ 1%+ 70#8 +*220++9 6*! $,0 ; %#5 '- 0;#*%#8 >)PP :# 4:$!8 :*$ $,# *.,% :!%-' :# 7'5'-.$,0 $0%2,0# %-5 +2, ! 6*#-'$*#0 ,*+ $,0 6'#+$ R -7%!'5 0-$0#S 1%+ 0+$%;!'+,05 '-20 $,0-$10-$8? $,#00 20-$0#+ ,%70 ;00-6 #405 1'$, 70# >))K 2,'!5#0- -$,0 # !!+ #+ %#5 $+ ;00-$,0 4 50! *: -1,'2,' $,0 $,0# 20-$0#+ ,%70 ;00- 6 #405 -4%3'-., 0# 0E:0#'9 40-$' #+ %#5 +%1 $,%$ - +2, ! 2 *!5' ;0 +*220++6*!!8 2%##'05 -1'$, *$ % 4'55%8 40%! 6 # $,0 :*:'!+ %-5 +,0 #.%-'G05 $,0 R #'::!05 ,'!5#0- -0# 2'0$8 S $:#9 7'50 %, $ 5'--0# 5%!8 5 , $ 5'--0# 6 40%$ 70.0$%;!0+ ;#0%5 %-5 :*55'-.'+ :#9 7'505 6 # L % ,0 -5 - 2, ! %#5 6*#9 -'+,0+$,0 3'$2,0-'6'#'-.%-5 2 3 ,0 2 3 '+ #0+: -+';!0 $ $,0 ;0%5 $0%2,0# 6 # $,0 :# :0# :0#6 #4%-20 6 ,0# 5*$'0+ ,0 5'--0#+ %#0 *-50# $,0 2%#0 6 $,0 %; 70?40-$' -05 + 2'0$8 -0 #0:#0+0-$%$'70 4%-%.0# ;0'-. 0!02$05 6# 4 0%2,+2, ! ,0 4%-%.0#+ 400$ 4 -$,!8 %22 *-$+ %-5 40-*+ %#0 0E%4'-05 %-5 070#8 2%+0 6 '-%;'!$8 $:%8 L % '+ 2%#09 6*!!8 2 -+'50#05 #00 5'--0#+ %#0 .'70- -!8 *-50# 0E20:$' -%! 2'#2*4+$%-20+ %-5 '$ '+ % - $01 #$,8 6%2$ $,%$ %!$, *.,$,0+0 2,'!5#0- 2 40 6# 4 $,0 ! 10+$ %-5 : #0+$ +!*4+ 6 -5 -'-$,0 #0: #$ 6 >PKL -!8 M :0# 20-$ 6 6#00 5'--0#+ 10#0 .'70- ,0 R %6$0# $#%'-9 '-.'S 6 $,0+0 2,'!5#0-'+ *-50# $,0 2%#0 6 $,0 +%40 + 2'0$8 $,%$ 2 -$# !+ $,0 5'--0#+ +$,0 2,'!5 -0%#+ +'E$00- 1,'2,'+ $,0 %.0 6 # !0%7'-.+2, ! ,'+ %2,'0704 0-$+ %#0 2%#06*!!8 - $05 %-5 ;# *.,$;06 #0 $,0 2 4 4 $$00 %-5 1 #3 +*$05 %+ 6%# %+ : ++';!0 $,'+ :%#$'2*!%# #0U*'#040-$+'+6 *-5 -$,0 8%! %$ -%! #$, :05'2 +:'$%! 1,0#0 +:02'%! 2%+0+ %#0 %59 4'$$05 6 # 70#8 ! -.':0#' 5+ 2!%++0+ %#0 6 #405 *-50# $0%2,0#+ 6 $,0 -5 - %#5 2, !+ ,*+ $,0+0 2,'!5#0-5 $ $#0$# .#%50 40-$%!!8 '-+ :'$0 6 :# ! -.05 , +:'$%! $#0%$40-$*2*!%# %#0 6'$ $ $%30 $,0'# :!%20+ %.%'-'-'$,0 R :02'%! 0-$0#+ S 1,0- $,08 %#0 5'+2,%#.05 ,0 R *'!5 6 # $,0 #%70 # ,'-.+ S %$,%'!08 '+ %-' -7%!'5 2#%6$ +2, ! 6 *-505 ;8 #+ '44'-+ %-5 '+ %!+ *-50# $,0 '-+:02$' - 6

%ˢ #'50ᵒ %$ˢ !0%+$ˢ -20ˢ %ˢ 1003ᵉ $ˢ 0-$#%!ˢ %#3ᵉ %-5ˢ $,0ᵒ 5'66 0#0-$ˢ :%#3+ˢ %-5ˢ .%#50-+ˢ 6ˢ $,0ᵒ 2'$8ˢ $,*+ˢ 0-%;!'-.ˢ $,04ˢ 1,'!0ᵒ #020'7'-.ˢ ;0-06'$+ˢ 6ˢ 6#0+,ˢ %'# %-5ˢ +*-+,'-0ˢ $ˢ .0$.!'4:+0+ˢ 6ˢ $,0ᵒ *$+'50ᵒ 1 #!5ˢ 6ˢ -%$*#0ᵒ %-5ˢ 6ˢ !'60ˢ %-5ˢ .0-0#%!!8ᵉ $ˢ 0-!%#.0ᵒ $,0'# !'4'$05ˢ 0E:0#'0-20+ˢ - $,0# 60%$*#0ᵒ 6ˢ $,0ᵒ 1 #3ᵉ '-ˢ 01ˢ #3ᵉ '+ˢ Rˢ ,0ᵒ ++ 2'%$'-ˢ 6ˢ *;!'2ᵉ 2, !ˢ 0%2,0#+ˢ 6ˢ #':::!05ˢ ,'!5#0-ˢ '-ˢ $,0ᵒ '$8ˢ 6ˢ 01ˢ #3 Sˢ ,'+ˢ .# *:ˢ 6ˢ 1 40-ˢ '+ˢ ;%-505ˢ $ .0$,0# $ˢ 0E$0-5ˢ 05*2%$'-ˢ $ˢ $,0ᵒ 2#':::!05ˢ 2,'!5ˢ %-5ˢ $ˢ +$*58ᵒ 5'+0%+0+ˢ 4 +$ᵒ 2 4 4 -ˢ $ˢ $,0+0ᵒ %66!'2$05ˢ -0+ˢ +ˢ %+ˢ $ˢ ;0ᵒ 6ˢ +0#7'20ᵒ $ˢ $,'+ˢ 4 +$ᵒ -0.!02$05ˢ +'50ᵒ 6ˢ *# 05*2%$'-ˢ $ˢ ?5%8

(⅋ /ˢ ,0ᵒ -!8ᵉ $,0# 2'$8ᵉ '-ˢ $,'+ˢ 2 *-9 $#8ᵉ $,%$ᵒ ,%+ˢ $%30-ˢ 70# $,0ᵒ 05*2%$'-ˢ 6ˢ 2#':::!05ˢ 2,'!5#0-ˢ '-ˢ %:*;!'2ᵉ 1%8ᵉ '+ˢ ,'2%.ˢ -ˢ (%-*%#8ˢ >)PPˢ $,0ᵒ 6'#+$ +2, !ˢ 1%+ˢ 0+$%;9 !'+,05ˢ %+ˢ :%#$ᵒ 6ˢ $,0ᵒ ,'2%.ˢ :*;!'2ᵉ +2, !ˢ +8+$04ˢ -ˢ %2$ 1%+ˢ :%++05ˢ %*$,#'G'-.ˢ +2, !ˢ 5'+$#'2$+ˢ 4%-%.05ᵉ ;8ᵉ ;%#5+ˢ 6ˢ 05*2%$'-ˢ $ˢ 0+$%;!'+,ˢ %-5ˢ 4%'-$%'-ˢ +2, !+ˢ # 2!%++0+ˢ 6 # 2#':::!05ˢ 2,'!5#0-ˢ %+ˢ :%#$ᵒ 6ˢ $,0ᵒ :*;!'2ᵉ +2, !ˢ +8+$04ˢ %-5ˢ %*$,#'G'-.ˢ :%8 40-$ˢ $,0#06 # 6# 4ˢ $,0ᵒ +$%$0ᵒ 2 4 4 -ˢ +2, !ˢ 6*-5+ˢ -0ᵒ +2, !ˢ '-ˢ % -0?+$ #8ᵉ 4 50!ˢ ;*'!5'-.ˢ ,%7'-.ˢ -ˢ +$%'#+ˢ '+ˢ +0$ᵒ %+'50ᵒ 0-$'#0!8ᵉ 6 # 2#':::!05ˢ 2,'!95#0-ˢ -ˢ %-$,0#ˢ :%#$ᵒ 6ˢ $,0ᵒ 2'$8ᵉ % 50:%#$9 40-$'-ˢ %#0.*!%# +2, !ˢ '+ˢ +0$ %+'50ᵒ 6 # 2#':::!05ˢ 2,'!5#0-ˢ ,0ᵒ $ %!ˢ 0-# !!40-$ˢ 6 # >P>K ˢ '-ˢ $,0+0ᵒ $1ˢ +2, !+ˢ '+ˢ >PQˢ $ˢ 40%!+ˢ %#0ᵒ +0#705ᵒ $ˢ $,0ᵒ 2,'!5#0-ˢ %-5ˢ $,0ᵒ +$%.0+ˢ 6 # $#%-+:#$%$'-ˢ %#0ᵒ +*:!'05ᵒ ;8ᵉ $,0ᵒ %#5ˢ 6ˢ 5*2%$'-

8 ⅋ /ˢ ,# *.,ˢ $,0ᵒ 066 #$+ˢ 6ˢ #ˢ #%59 6 #5ᵒ %-5ᵒ #ˢ ,#-5'30ˢ 1,ˢ ;02%40ᵒ %29 U*%'-$05ˢ 1'$,ˢ +2, !+ˢ 6 # 2#':::!0+ˢ '-ˢ *# :0ˢ $,0ᵒ 6'#+$ +2, !ˢ 6 # $,0ᵒ 2#':::!0+ˢ %-5ˢ 506 #405ˢ 6ˢ +$ -ˢ 1%+ˢ +$%#$05ˢ '-ˢ (*!8ˢ >)PMˢ %$ᵒ $,0ᵒ , 40ᵒ 6ˢ #ˢ , #-5'30ˢ 1'$,ˢ 0!070-ˢ:*:'!+ˢ%-5ᵒ -0ᵒ $0%2,0# 6 # :#'4%#8ᵉ%-5ᵒ .#%4 4%# +$*5'0+ˢ %$0# % # 4ˢ 1%+ˢ .'70-ˢ '-ˢ % 2,*#2,ˢ ;8ᵉ $,0ᵒ #02$ #ˢ #ˢ '5-0#ˢ %-5ᵒ '-ˢ 2$ˢ J ˢ >PKMˢ %ᵒ -01ˢ 4 50!ˢ ;*'!5'-.ˢ 1%+ˢ 2 4:!0$05ˢ 1,'2,ˢ '+ˢ +$'!!ᵉ $,0ᵒ 4 50!ˢ ;*'!5'-.ˢ 6ˢ $,'+ˢ 2 *-$#8ᵉ '6-$ᵒ 6ˢ $,0ᵒ 1 #!5ˢ $+ˢ 0U*':40-$ˢ '+ˢ 2 4:!0$0ᵒ '-ˢ 070#8ᵉ 1%8ᵉ $ˢ 400$ᵒ $,0ᵒ -005+ˢ 6ˢ $,0ᵒ ,0!:!0+ˢ %-5ᵒ *-6 #$*-%$0ᵒ 2,'!5ˢ ,'+ˢ +2, !ˢ 0%#!8ᵉ '-ˢ '$+ˢ 2%#00# %'405ˢ $ˢ :%8ᵉ :*:'!+ˢ 6 # $,0'# 1 #3ᵉ '-ˢ $,0ᵒ '-5*+$#'%!ˢ 50:%#$40-$+ˢ%-5ˢ $,0ᵒ :#'-$'-.ˢ # 4ˢ 1%+ˢ $,0ᵒ 6'#+$ˢ :# 70ᵒ '$+ˢ 0%#-'-.ˢ 2%:%2'$8 + ⅋ /ˢ ,0ᵒ '50-0#ˢ 04 #'%!ˢ -9 5*+$#'%!ˢ #%'-'-.ˢ 2, !ˢ 6 # #':::!05ˢ ,'!5#0-ˢ 1%+ˢ 6 *-505ᵉ ;8ᵉ #ˢ ˢ ˢ ˢ '50-0# %+ˢ % 404 #'%!ˢ $ˢ ,'+ˢ 1'60ˢ %-5ˢ + -ˢ ,0ᵒ 0-5 19 40-$ˢ 6ˢ $,'+ˢ 6 *-5%$'-ˢ '+ˢ ^J KKK KKKˢ +ˢ + -ˢ %6$0# %54'++'-ˢ %+ˢ $,0ᵒ :,8+'2%!ˢ 2 -5'$'-ˢ :0# 4'$+ˢ 070#8ᵉ :*:'!ˢ #020'70+ˢ $1ˢ # 4 #0ᵒ , *#+ˢ 6ˢ +2, !'-.ˢ % 5%8ᵉ $,0ᵒ $'40ᵒ '-2#0%+0+ˢ %+ˢ $,0ᵒ :*:'!+ˢ %57%-20ᵒ '-ˢ $,0ᵒ .#%50+ˢ 70#8ᵉ 2,'!5ˢ 1,ˢ ,%+ˢ ,%5ˢ -ˢ :#07'*+ˢ $#%'-'-.ˢ '+ˢ :!%205ᵒ '-ˢ $,0ᵒ 3'-50#.%#$0-ˢ *:'!+ˢ 1,ˢ +,1ˢ 502'505ˢ 40-$%!ˢ %;'!'$8ˢ 1'!!ˢ #020'70ᵒ %ˢ ,'.,0# 05*2%$'-ˢ '-ˢ '-ˢ +2, !+ˢ %-5ˢ 2 !!0.0+ˢ 6ˢ ,'!%50!9 :,'%ˢ '301'+0ᵒ ::#$*-'$'0+ˢ 1'!!ˢ ;0ᵒ %66 #505ᵒ $ˢ :*:'!+ˢ $ˢ #020'70ᵒ %;*+'-0++ˢ 05*2%$'-ˢ $ˢ +$*58ᵒ $8:01#'$'-.ˢ ; 3300:'-.ˢ $0!0.#%:,8ˢ !';#%#8ᵉ 1 #3ˢ +02#0$%#8ᵉ 1 #3ˢ 0$2ˢ ;#%++ˢ ;%-5ˢ 2 -+'+$'-.ˢ 6ˢ $10!70ᵒ ,#-+ˢ %-5ᵒ $1ˢ 5#*4+ˢ 6*#-'+,0+ˢ 4*+'2ᵉ 6 # 0-$0#$%'-40-$+ˢ ,0#0ᵒ %#0ᵒ %$ˢ :#0+0-$ˢ H>P>KFˢ %,*-5#05ᵒ 2,'!5#0-ˢ '-ˢ %$$0-5%-20ˢ +ˢ 80$ˢ $,0#0ᵒ %#0ᵒ -ˢ :*;!'2ᵉ +2, !+ˢ 6 # $,0ᵒ 2%#0ᵒ 6ˢ 2#':::!05ˢ 2,'!5#0-ˢ '-ˢ ,'!%50!:,'%ˢ %!$,*.,'%;*$ˢ 6'6$8ᵉ 2#':::!0+ˢ %#0ᵒ %$ˢ $,0ᵒ Rˢ 40ᵒ 6ˢ $,0ᵒ 0#2'6*!ˢ %7'*#Sˢ +$%#$05ᵒ '-ˢ >))N ˢ %-5ᵒ $,0#0ᵒ '+ˢ %!+ˢ %ˢ +2, !ˢ 6 # 2 ! #05ᵒ 2#':::!05ˢ 2,'!5#0-ˢ 0+$%;!'+,05ᵒ '-ˢ >))L ˢ $,0ᵒ Rˢ *+0ᵒ 6ˢ $ˢ '2,%0!ˢ %-5ˢ !!ˢ -.0!+S

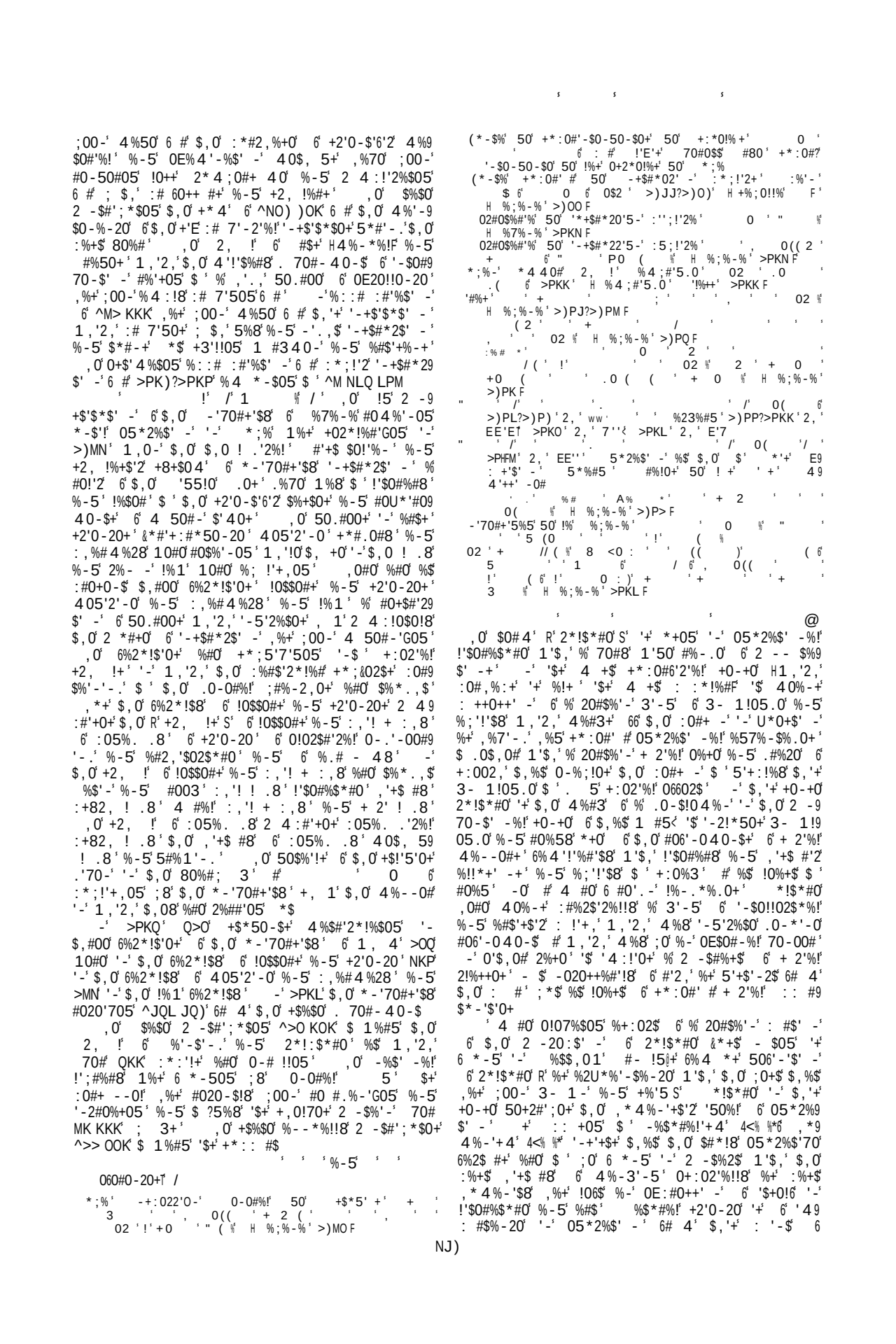
(0 / ,0ᵒ -!8ᵉ +$%$0ᵒ $ˢ :# 7'50ᵒ %-ˢ '-+$'$*$'-ˢ 6 # $,0ᵒ 2%#0ᵒ %-5ˢ 05*2%$'-ˢ 6ˢ $,0ᵒ 2#':::!05ˢ %-5ˢ 506 #405ᵒ 2,'!5#0-ˢ 6ˢ $,0ᵒ 2 4 4 -10%!$,ˢ '+ˢ %++%2,*+0$$+ˢ ,'+ˢ '+ˢ '-ˢ %-$ˢ -ˢ -0%# +$ -ˢ%-5ᵒ :# 4'+0+ˢ $ˢ ;0ᵒ $,0ᵒ 4 50!ˢ 6'$+ˢ 3'-5ˢ ,0ᵒ '-+$'$*$'-ˢ 1%+ˢ :0-05ᵒ -ˢ 02ˢ >ˢ >PKLˢ ,0ᵒ 1 #3ᵉ 6ˢ #.%-'G%$'-ˢ :# .#0++05ᵒ %+ˢ #%:'5!8ᵉ %+ˢ 2'#2*4+$%-20+ˢ :0#9 4'$05ˢ %-5ˢ -ˢ (%-ˢ >M ˢ >PK)ˢ 1,0-ˢ -0ᵒ 5 #9 4'$ #8ᵉ 1%+ˢ 2 4:!0$05ˢ 6 *# 2,'!5#0-ˢ 10#0ᵒ $#%-+60##05ᵒ 6# 4ˢ $,0ᵒ $%$0ᵒ +:'$%!ˢ *#'-.ˢ $,0ᵒ 80%#ˢ >KM 10#0ᵒ %54'$$05ˢ LKˢ ;8+ˢ %-5ᵒ JM .'#!+

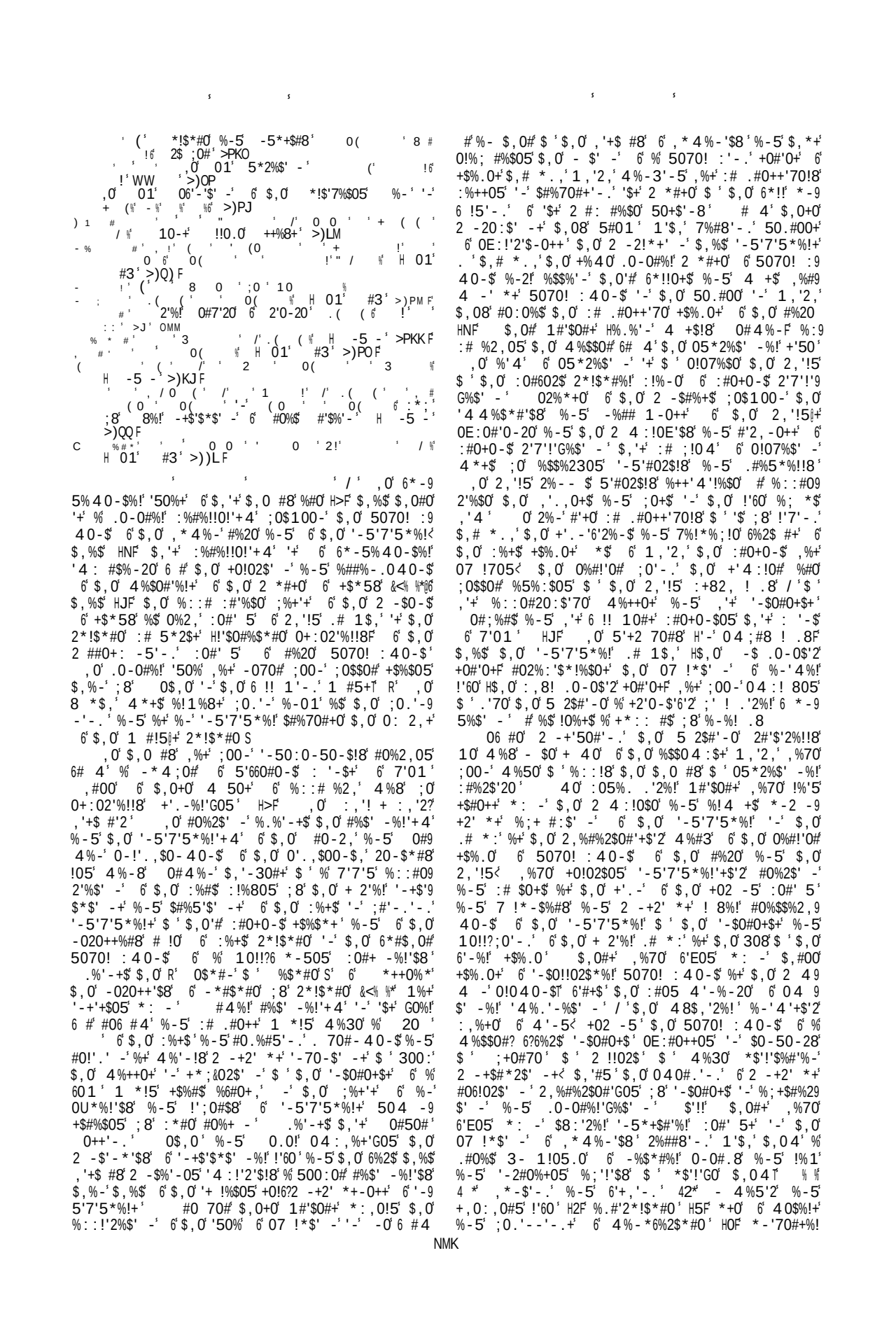
$'+ˢ %.# 1'-.ˢ 2 -7'2$'-ˢ $,%$ᵒ $,0ᵒ +$%$0ᵒ ,%+ˢ -ˢ :$'-ˢ;*$ˢ $ˢ :# 7'50ᵒ 6 # $,0ᵒ 2#':::!05ˢ 2,'!5ˢ %-5ˢ $ˢ .'70ᵒ ,'4ˢ %2,%-20ᵒ 6ˢ !0%5'-.ˢ %-ˢ '-50:0-50-$ˢ!'60ˢ 0ᵒ 4*+$ˢ -$ˢ ;0ᵒ !06$ˢ $ˢ $,0ᵒ 0E2!*+'70ᵒ 2%#0ᵒ 6ˢ :,'!%-$,# :8ˢ $0-50# $,*.,ˢ $,%$ˢ ;0ˢ 6 # ,0ᵒ '+ˢ %6*$*#0ᵒ 2'$'G0-ˢ 1'$,ˢ %!!ˢ $,0ᵒ #'.,$+ˢ 1,'2,ˢ'-,0#0ᵒ '-ˢ,%$ˢ #0!%$'-

,0ᵒ '+$ #8ᵉ 6ˢ $,0ᵒ 2%#0ᵒ %-5ˢ 05*2%$'-ˢ 6ˢ 2#6:::!05ˢ 2,'!5#0-ˢ '+ˢ $#%205ᵒ ;#'06!8ᵉ '-ˢ $,0ᵒ 6 !9 ! 1'-.ˢ 2,# -!.'2%!ˢ !'+$ˢ .'7'-.ˢ $,0ᵒ 5%$0ᵒ 6ˢ 6*-5'-.ˢ 6ˢ $,0ᵒ 4 #0ᵒ '4:#$%-$ˢ ,40+ˢ ,+9 :'$%!+ˢ%-5ˢ+2, !+ᶜ >)MKˢ ''#$$04;0#.ᶜ >)MQˢ $*$$.%#$ᶜ >)Q>ˢ -5 -ˢ H:#'7%$0ᵒ 2#':::!05ˢ .'#!+ᵍ +2, !Fᶜ >)QJˢ %#'+ᶜ >)ONˢ -5 -ˢ H2#':::!0+ᵍ :#'7%$0ᵒ -*#+0#8Fᶜ >)OMˢ Z*#'2,ᶜ >)OQˢ -5 -ˢ H -5*+$#'%!ˢ 40ᵒ %-5ᵒ %$'-%!ˢ ++ 9 2'%$'-ˢ 6 # 0+$'$*$0ᵒ ,'!5#0-Fᶜ >)OJˢ $*$$9 .%#$ᶜ >)LKˢ -5 -ˢ H %#$4 *$,ˢ 40ᵒ 6 # 8+Fᶜ >)L>ˢ *#'-ᶜ >)LNˢ :0-,%.0-ᶜ >)LJˢ '!%-ᶜ >)LMˢ *;!'-ˢ H 40ᵒ 6 # #':::!0+Fᶜ >)LMˢ ,'!%50!:,'%ˢ H +:'$%!Fᶜ >)L)ˢ 0- %ᶜ >)LPˢ %50-ᶜ >)LPˢ %-$*%ᶜ >)LPˢ $ 23, !4ˢ H *.0-'%ˢ 04 40$ᵍ+Fᶜ >))Nˢ ,'!%50!:,'%ˢ H 40ᵒ 6ˢ 0#2'6*!ˢ %7'*#Fᶜ >))Nˢ 0# -%ᶜ >))Qˢ $$0-;*#.ᶜ >))Qˢ $*$$.%#$ᶜ >))Oˢ $+5%4ˢ 1%10+ᶜ >))Lˢ 0!+'-.;#.ᶜ >))Lˢ ,'!%9 50!:,'%ˢ H 40ᵒ 6ˢ $ˢ '2,%0!ˢ %-5ˢ !!ˢ -.0!+ˢ f2 ! #05ʏFᶜ >))Pˢ %.50;*#.ᶜ >)PKˢ 0!+'-.6 #+ˢ '-!%-5ᶜ >)PNˢ $ˢ 0$0#+;*#.ᶜ >)PNˢ %-9 70#ᶜ >)PNˢ ,'2%.ˢ H'-5*+$#'%!ˢ, 40Fᶜ >)PNˢ $23, !4ᶜ >)PNˢ ,#'+$'%-'%ᶜ >)PMˢ +$ -ˢ H'-5*+$#'%!ˢ +2, !Fᶜ >)PLˢ $ˢ %*!ᵍ+ˢ 01ˢ #3ᵉ '$8ᵉ + $%ˢ $%$0ᵒ +:'$%!Fᶜ >)P)ˢ 01ˢ #3ᵉ '$8ᵉ H.*'!5ˢ #.%-'G05ˢ 6 # 2%#0ᵒ 6ˢ 2#':::!0+Fᶜ >)P)ˢ !$-%ᶜ >)P)ˢ -5 -ˢ 2, !ˢ %#5ᶜ >)PPˢ ,'2%.ˢ H:*;!'2ᵉ +2, !+Fᶜ >PKKˢ #-,0'4ˢ !!%-5ᶜ >PKKˢ 01ˢ #3ᵉ $%$0ᵒ +:'$%!ᶜ >PKKˢ 023!0-;*#.ᶜ >PKNˢ %50-ᶜ >PKJˢ 0+$?

cJQ

2 !!02$05 %7%!*%;!0 !';#%#8 ,# *., *$ $,'+ :0#' 5 $,0 # 8%!. 70#-40-$2 -$#';*$05 !'$$!0 $:# .#0++ '-05*2%$' - -)OJ %.0-0#%! #06 #4 1%+ 06602$05 ;8 1,'2,:*;!'2 '-+$#*29 $' - 1%+ 5'7'505 '-$:#'4%#8 +02 -5%#8 +*:0#' # %-5:# 60++' -%!';#%-2,0+ -''-$0#9 2,%-.0 6 50.#00+ %-5 :# 60++ #+ ;0$100- :%'-%-5 *;% 1%+ +%-2$' -05 %-5 '- >)L $,0 :# 60++ #%$0 '-$,0 2 ! -'0+%-5$,0 :0-'-9 +*!% 10#0 4%50 -0;58 -)>))K %!%1 1%+ :%++05 %+ % #0+*!$ 6 % 404 #'%!5#%1-*:' ;8 $,0 4'-'+$0# 6 # $,0 2 ! -'0+ -$,0 *-9 +%$'+6%2$ #8 2 -5'$' - 6 :*;!'2 05*2%$' - #0.*!%$'-.'+*:0#' # %-5 +02 -5%#8 '-+$#*2$' - %-5 2 #5'-%$'-.$,0 ;#%-2,0+ '- *;% 1'$, $,0 +%40 .#%50+ '- :%'-0+$%;!'+,05 ;8 # 8%! 502#00+ 6 >)LM %-5 #50# 6 >)LQ -0 %#$'2!0 6 $,0 !%1 %*$, #'G05 $,0 0+$%;!'+,40-$ 6 % +02 -5%#8 '-+$'$*$' - '-$,0 2%:'$%! 6 0%2,*;%-:# 7'-20 %$ $,0 0E:0-+0 6 $,0 :# 7'-20 # 4*-'2':%!'$8 1'$,% +*;70-$' - 6# 4 $,0 70#- #? 0-0#%! 6# 4 $,0 ;*5.0$ 6 $,0 '+!%-5 -2%:'$%!+ 1,0#0 $,0#0 10#0 - :*;!'2 +02 -5%#8 '-+$'$*$0+ 2 !!0.0+ 6 $,0 #0!'.'*+ #50#+ 4'.,$;0 +*;+$'$*$05 ;8 $,0 70#- #? 0-0#%! 1'$, $,0 %57'20 6 $,0 2*-2'! *$ $,0 50.#00+.#%-$05 ;8 $,0+0 :#'7%$0 '-+$'$*$' -+ 10#0 $;0 70#'6'05 %+ -!8 $,0 50.#00+ 6 :*;!'2 '-+$'$*$' -+ 10#0 #02 .-'G05 ,0 1%-$ 6 6*-5+ $,0 '-5'660#9 0-20 6 $,0 # 8%!. 70#-40-$'%-5 $,0 :# 9 $#%2$05 +$#*..!0 %.%'-+,5 4'-%$' - :#070-$05 %-8 +*;+$%-$'%!:#.#0++ '-05*2%9 $' - *-50# $,0 !%1 6 >))K #0+0-$ 8+$04 / - (%- >)PP $,0 40#'2%-+ $ 3 :++0++' - 6 $,0 '+!%-5 %-5 $,0 40#'2%-4'!'$%#8 .70#-# %++*405 '- #0.%#5 $ 05*2%$' - $,0 6*-2$' -+ 6 $,0 :%-'+,70#-#? 0-0#%! 1,5'#0:#0+0-$05 $,0 %-.6 :%'- $ $,%$ $'40 $,0#0 1%+ % -4'-%! +8+$04 6 :*;!'2 '-+$#*2$' - ;%+05 *:-$,0 !%1 6 >)OJ %+4 5'6'05 ;8 $,0 !%1 6 >))K %-5 066 #$+ 10#0 %$ -20 4%50 $:*$ '$ '- $:0#%$' - +-$,0 6 #$,0 1 #3 '$ 1%+ #50#05 $,%$ +%!%#'0+6 # $,0 +*440# 4 -$,+,*!5 ;0 :%'5 $ $,0 +-!8 1,5 1 *!5 %$$0-5 +40 %*$,#'G05 +*440# +2, ! *$ 6 $,'+ #09 U*'#040-$.#01 $,0 *-'U*0 :!%-'%##%-.05 ;8 #0+'50-$!' $ 6 %#7%#5 -'70#+'$8 %-5 #' #80 6 #;#'-.'-.'%; 58 6 *;%-'$0%2,0#+ $ $,0 +$%$0+ $ %$$0-5 $,0 +*440# +2, ! %$ %#7%#5 6#00 6 0E:0-+0 -(*-0 JK >PKK $,0 4'!'$%#8 .70#-# 6 *;%'++*05 +:02'%! #0.*!%$' -+#0+:02$'-':*;!'2 05*2%$' - ,08 :#7'505 6 # $,0 %:'-$40-$ 6 % 44'+9 +' -0# 6 *;!'2 2, !+ %-5 % ; %#5 6 +*:0#'-$0-50-$+ 2 -+'+$'-.' 6 $,0 2,'06 *:0#9 '-$0-50-$ %-5 :# 7'-2'%! +*:0#'-$0-50-$+ -0 6 # 0%2,':# 7'-20 6 $,0 '+!%-5 # $,0 ! 2%! %54'-'+$#%$' - 6 +2, !+ %-5 % '+!%-5 1%+ 5'7'505 '-$ 5'+$#'2$+ 6 $,0 6'#+$ %-5 +02 -5 2!%++0+ %-5 4*-'2':%! 5'+$#'2$+ %-5 :# 7'+' - 1%+ 4%50 6 # $,0 0!02$' - 6 % +2, ! ; %#5 '-0%2,5'+$#'2$,0 #50# #0U*'#05 $,%$ %--*%! +2, ! 20-+*+ +, *!5 ;0 $%30- 4%50 $,0 '-+$#*2$' - 6 2,'!5#0- ;0$100- $,0 %.0+ 6 +'E -5 6 *#$00- ;!'.%$ #8 *: - :%#0-$+ %-5 .*%#5'%-+-5 :# 7'505 6*#$,0#'$,%$ $0%2,0#+ '-+$'$*$0+ +, *!5 ;0 ,0!5 '- 0%2, :# 7'-20 6 $,0 '+!%-5 $,0 %$$0-5%-20 6 $0%2,0#+*: -$,0 +%40 ;0'-.2 4:*!+ #8 ,0 +*:0#'-$0-50-$+ 10#0 5'#02$05 $ 502'50 *: -%:!%-6 # $,0 0E9 %4'-%$' -%-5 20#$'6'2%$' - 6 $0%2,0#+ $ $ $%30 06602$ 1'$,'- $,0 80%# ,'+ #50# 1%+ 0-9 6 #205 + 6%# %+ :#%2$'2%;!0 %-5 %22 #5'-. $ # #80 $,0 6'#+$ *:0#'-$0-50-$+ $,0 -*49 ;0# 6 +2, !+ '-2#0%+05 6# 4 NKK '- >)PP $ NKKK '- >PKK %-5 $,0 -*4;0# 6 :*:'!+ 6# 4 MKKK $ >KK KKK ,0 6 #4%!$#%-+60# 6 $,0 '+!%-5 $ $,0 :0 :!0 6 *;% 1%+ 4%50 ;8 $,0 #0+'50-$ 6 $,0 -'$05 $%$0+ '- >PKN %-5 $,0 2,%#.0 6 $,0 +8+$04 6 :*;!'2 '-+$#*2$' - :%++05 $ $,0 -01!8 #.%-'G05 . 70#-40-$,0 '-+*##029 $' - 6 >PKO '-$0#60#05 +0#' *+!8 1'$,$,0 1 #3 ;*$ 4%#305 %57%-20 ,%+ +'-20 ;00- 4%50 ,0 :#'-2':%! 60%$*#0+ 6 $,0 +8+$04 0+$%;!'+,05 ;8 4'!'$%#8 #50# ,%70 ;00- :#09 +0#705 ;8 $,0 +2, !%1 6 (*!8 >) >PKP %-5 %22 #5'-.$ 66'2'%! +$%$'+$'2+ $,0#0 10#0 '- :0#%$' - %$ $,0 2! +0 6 $,0 +2, ! 80%# >PK)?>PKP %$ %!6 N>LQ +2, !+ 1'$,JO)J $0%2,0#+ %-5 %-0-# !!40-$ 6 >JN LMK :*:'!+ ,0 4 +$ '4:#$%-$ #020-$ 40%+*#0+ :0#9 $%'-'-.$ $,0 :*;!'2 +2, !+ %#0 $,0 066 #$+ %$.#%5'-.'%-5 $,0 '-2#0%+0 '- $,0 -*4;0# +0:02'%! ;#%-2,0+ $%*.,$ '-50#.%#$0-' 0E0#9 2'+0+ +! 85 '-1 5 %-5 :,8+'2%! $#%'-'-. 10#0 '-$# 5*205 '- >PKQ %-5 '- >PKO !%20 1 #3 +01'-.%-5 :%$$0#-' 1 #3 5#%1'-.%-5 4 50!'-.+! 85 '- 2%#5; %#5 +! 85 '- 40$%! %-5 4*+'2 ,0 -#4%! 05*2%$' - 6 $,0 $0%2,0#+ '+ #020'7'-.'+0#' *+ %$$0-$' - 6 %-5 %-'0!%; #%$0 :!%-6 # ,'.,+2, !+ ,%+ ;00- 4%$*#05 ;8 $,0 ;%#5 6*+*:0#'-$0-50-$+ -$,0 !%+$;*5.0$ 6 $,0 *;%-'#0:*;!'2 % 2#05'$ 6 >MN KKK 1%+ %!! 105 $:#7'50 6 # %-' 2#0%+0 6# 4 6'6$8 $ +070-$8 '-$,0 -*4;0# $0%2,0#+ 6 -.!'+,'-$,0 :*;!'2 +2, !+ %-5 '$ '+ '-$0-505 $ 4%30 %:# :#$' -%$0 '-2#0%+0 '-$,0#-*4;0# 0%2,80%# +,*!5 $,'+ 0E:0#'9 40-$:# 70 +*220++6*!*-$'! $,0 6 #20 '+ %509 U*%$0 6 #%!! $,0:*;!'2 +2, !+ ,0#0 %#0 $;0 $1 +*:0#7'+ #+ 6 $0%2,0#+ 6 -.!'+,< -0 6 # $,0:# 7'-20 6 %7%-% 1'$,% +%!%#8 6 >QKK %80%# %-5 $,0 $,0# 6 # $,0 #0+$ 6? $,0 '+!%-5 %$ % +%!%#8 6 ^>ONK %80%# !%1 6 (*!8 >K >PKP %*$, #'G0 $,0 0+$%;!'+,40-$ 6 % +2, !6 %.#'2*!$*#0 '-0%2, 6 $,0 '+E :#7'-20 6 $,0 '+!%-5 %-%:# :#'%$' - 6 ^NLK KKK 6 # $,0 ;*!5'-.'%-5 0U*'40-$+ 6 $,0 +2, !+ %-5 %-%55'$' -%!+*4 6 ^>>NO)K 6 # $,0 2*##0-$ 0E:0-5'$*#0+ %+ + -%+ $,0 +2, !+ %#0 506'-'$0!8 '-+$%!!05 *;!'2 +02 -59 %#8 05*2%$' -'+ :#7'505 '-$,0 '-+$'$*$0+ -0 '-0%2,':#7'-20 1,'2,:#0:%#0 :*:'!+6 # $,0 50.#00 6 %2,0! #' ,0 :#60++ #+ ;8 7'#$*0 6 $,0 !%1 6 (*!8 >> >PKO ,%70 ,%5 $,0'# +%!%#'0+ '-2#0%+05 +:02'%! %:# :#'%$' -+ ,%70





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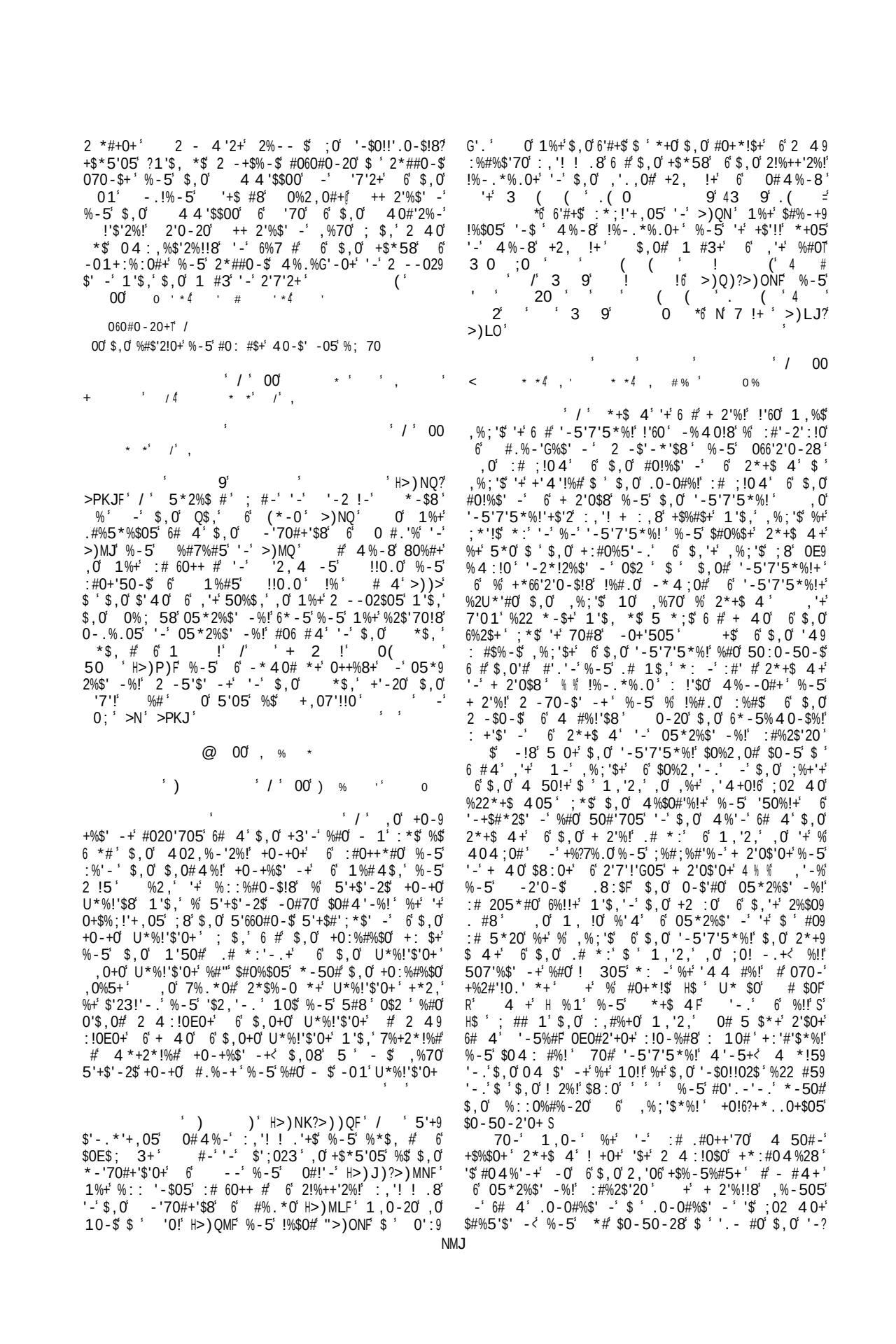

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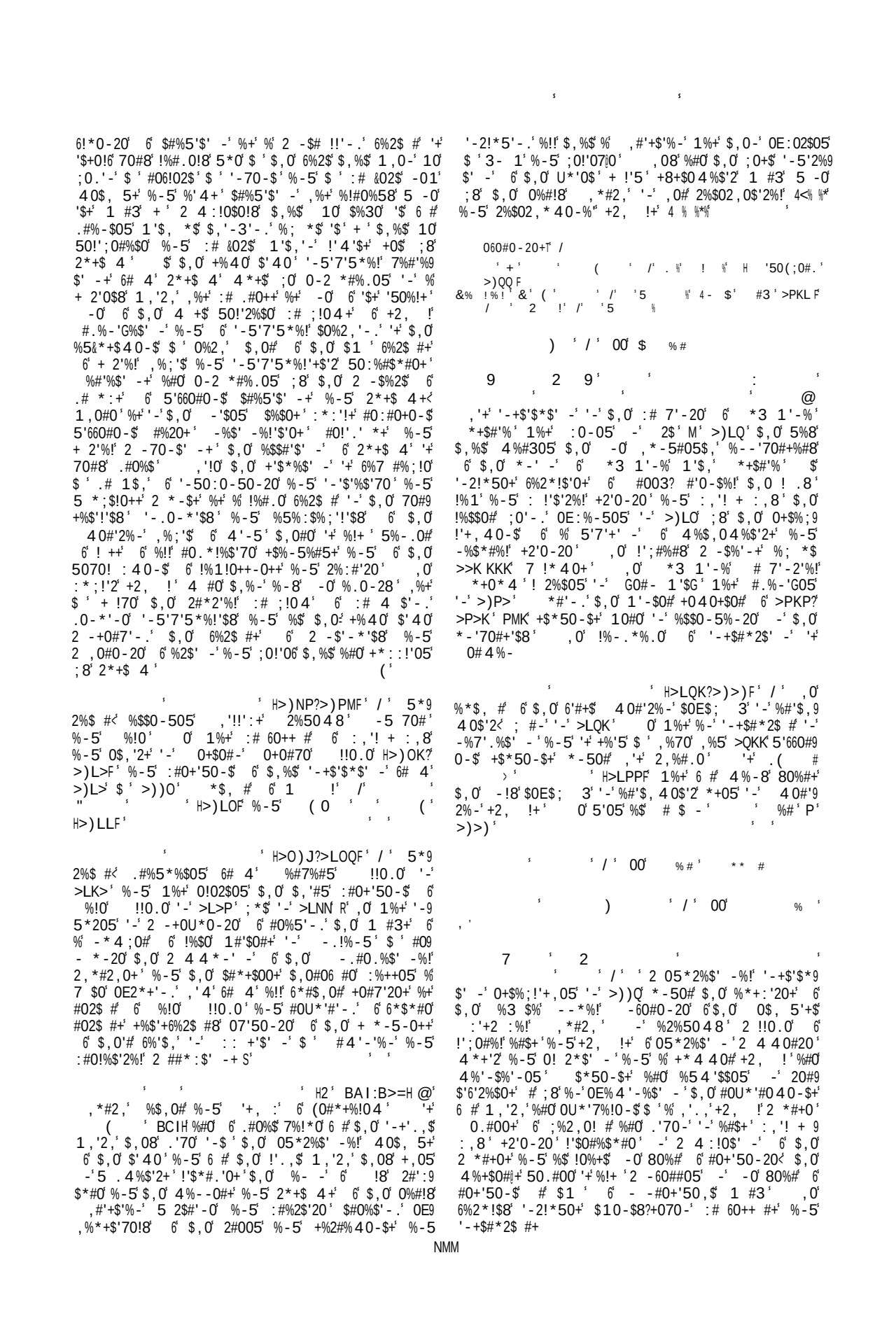


NMM

H>LJP?>)KOF / %-*6%29 $*#0# %-5 :,'!%-$,# :'+$ 0 1%+ $,0 6 *-50# 6 $,0 7'!!%.0 6 01 %-%#3 '-2 $!%-5 1,0#0 ,0 :!%-$05 $,0 6'#+$ 2 $$ -' 4'!! ;0#$ 10- <% %* ;02%40 %!0@+ + -?'-?!%1 !$, *.,' %!0 1%+ :: +05 $ $,0 4 7040-$ 6 # 1,'2,' 10-'+$ 5',0 $ 3 % 500:'-$0#0+$ '-'05*2%9 $' - 0 1%+$,0 6 *-50# 6 -0 6 $,0 0%#!'0+$ -'.,$ +2, !+'-' #0%$ #'$%'-'6 # $,0 2,'!5#0-' 1,'10#0 ;$%'-05'6# 4':*;!'2 2,%#'$'0+'%-5 049 :! 805'-',+ 4'!!+' *$', 1070# 10!!?'-$0-9 $' -05 %!0@+ +8+$04 1%+'$ 2 *!5'- $ +*22005 1'$,'2,'!5#0-' 6%70#8$0-50#%.0'1, 1 #305'-' $,0 4'!! 6# 4'+'E'-'$,0 4 #-'-.'$ +070-'-'$,0 070-'-. 10-'1,'.'70+'%-'%22 *-$ 6 %!0@+ 1 #3 '-' - $' $' /'. (!6 +%8+'R ,'+ !%; *# $,# *.,'$,0 5%8'%-5'$,0'# 05*2%$' -'%$ -'.,$' ;02%40'+''#3+ 40'$,%$' -*4;0#+' 6'$,04 2 -$'-*%!!8 #%-'%1%8 S

O6O#0-20+T /

' (!' /'- '8 !% ,% ' ' ' 0 '.(% H %-2,O+$O#' > LF

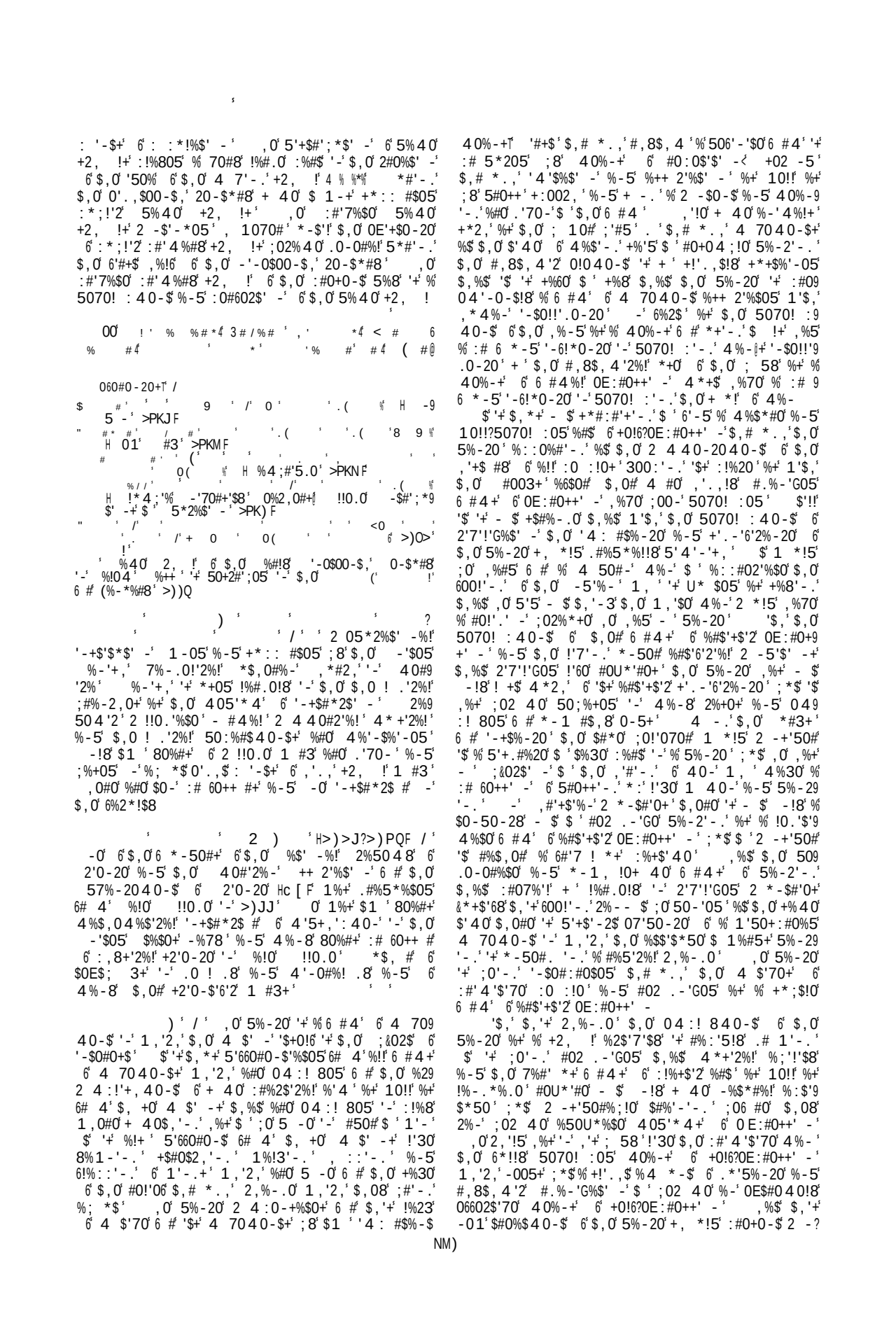
< ' / ' '+8+$04%$'2' 40$, 5' 6 # $0%2,'-.' #0%5'-.' 507'+05' ;8' '++' 0!!'0 %!0'%-5':#0+0-$05''-%7 !*40' ' ' (' /' ' " % $' '+' -0 6' +070#%!' :, 9 -0$'2 +8+$04+'2*##0-$'-' -.!%-5' $#0+'+'!%'5' *:-'.'7'-.'%-'%50U*%$0' 6 *-5%$' -''-' #%!' !%-.*%.0':#' # $ ',$,0 ;0.'--'-.' 6' #0%5'-.''$9 +0!6' -70#+%$' -%!' !0++ -+' %#0' *+05' $ ' 509 70! :'$,0'+:002,' 6'2,'!5#0-'%-5'$,0'2,'!5#0-'%#0' 0-2 *#%.05'$ '5'+2#'4'-%$0'%4 -.'$,0'4 #0' ;9 7' *+' 5'660#0-20+' 6'+ *-5'6 *-5'-'$,0'2 -+ 9 -%-$+'5-7 10!+' ,0'4%$0#'%!' 6 # $,0'6'#+$ %2$*%!' #0%5'-.'+' 2%#06*!!8' 2 4:+05''-' #50# $,%$' 2 -+'+$0-28' ;0$100-' +:0!!'-.'%-5' :# 9 - *-2'-.';0'4%'-$%'-05' - 4%!'0+' 6'+:0!!'-.' %-5'+ *-5'-.'%#0':#0+0-$05'!%$0#'%6$0#$,0'2,'!5' ,%+'%2U*'#05'+ 40': 10#%-5'2 -6'50-20''-'#0%59 '-.' = ,0 -!8':, -0$'2 +'.-+' *+05'%#0'2 ! #05' !0$$0#+'%-5'$,0'*+0 6'$,0+0''+' #0+$#'2$05'$ ' $,0' :#'40#+' # 6'#+$; 3+' -'$,'+' +8+$04'7 10!+' %#0 '-5'2%$05' ;8' #05' !0$$0#+' R7 '205' 2 -+ 9 -%-$+S' ;8' ;!%23' R'7 '20!0++' 2 -+ -%-$+'S' ;8' ;!*0'%-5'+!0-$!0$$0#+''-'!',$ 80!! 1' ' 00 % # '+ %' # ' /

< ' ' ' ' / ' #-' '-' %#'+''-'>L>L'%-5'5'05'$,0#0''-'>L)J' 0'1%+' $,0'!!0.'$'4%$0'+ -' 6'$,0' ,07%!'0# 0+$ *2,0+' %-5'1%+';# *.,$'*:'*-50# $,0'2%#0' 6'% .!%G'0#@+' 1'60' -%405' *++0%*'6 # 1, 4',0'2,0#'+,05' $,0' .#0%$0+$ %%602$' -',$ #*.,' *$','+'!'60' %-5' 1'$,'1, 4',0'!'705''-'2'#2*4+$%-20+' 6'6#*.%!9 '$8'%-5'+'4:!'2'$8'$,0' .#0%$0#' :%#$ 6',+'!'60' '+'-%40' 1%+'%++*405' '+' 05*2%$' -' 1%+' #020'705' 6'#+$ %$'% ; %#5'-.'+2, !' 1,0#0',0' + -' 4%+$0#05'%!'!' $,0' +$*5'0+' -' >LJK',0' 0-$0#05' %G%#'-' !!0.0'30:$;8'$,0'(%-+0-'+$+' <% %*6 1,0#0',0'0%#!8'5'+$'-.*'+,05','4+0!6'%+'% 4%$,04%$'2'%-'$, *.,'$,0 ! .8'1%+'+*:: +05' $;0',+'*!$'4%$0' +$*58' 6$0#' !0%7'-.'$,0' 2 !!0.0',0':*#+*05',+'+$*5'0+'-'$,0',.,0# 4%$,04%$'2+' :#'7%$0!8' 1'$,' .#0%$' +*220++ %-5' +%$'+6%2$' -' $ ','4+0!6' 0' %!+' +$*5'05' !%1'%-5' 405'2'-0':*:' -'$,0'%57'20' 6' 6#'0-5+' ;*$' $, *.,' ,0 1%+' %54'$$05' $ ' $,0' ;%#' -' >LJ)' ,0 %;%-5 -05' %!!' '50%' 6' % :# 60+9 +' -%!' 2%#00# %-5'+0$$!05'5 1-' $ ' $,0' !'60' 6' % :#'7%$0' 2'$'G0-'%-5' +$*50-$' % 502'+' -' 1,'2,' 1%+'6%2'!'$%$05';8' $,0'%--*'$8' 1,'2,',+'6%$,0# !06$' ,'4'%-5' 1,'2,' 1%+'-2#0%+05' '-' !%$0# 80%#+';8' $,0'0+$00 4'%-5'%%602$' -' 6' #050#'23' '-.' 6' #*++'%'%-5' %7'5' *40' 0'5'5'-$ +003', -#+'%-5'!'705'%-' ;+2*#0'!'60'6 # 4%-8' 80%#+<' ;*$'%6$0#',+'6%40'+:#0%5',0'4'.,$',%70' 22*:'05' $,0' 2,'06' +0%$+' '-' $,0' %2%504'0+' 6' *# :0' 0' :#060##05' $,0' +'4:!0' #0.'40' 6' $,0',*+0' 6' $,0'.!%G'0#@+' 1'60' $' 4%8',0-20' ;0'-60##05'$,%$','+'$%+$0+' 10#0'6%# 6# 4'6%+,'-9 %;!0' +' %' 4%$$0#' 6'6%2$' ,0' 1%+'+'4:!'2'$8' '$+0!6'%.#0%$'! 70#' 6'-50:0-50-20'%-5' 1'$,%!' 4 +$%;+$04' *+'-',%;'$ '+':#'-2':%' 1 #3+' 10#0'-'$,0' 5 4%'-' 6' 4%$,04%$'2+' $ 1%#5'$,0'%57%-20' 6' 1,'2,',0' 4%50'!%+$'-.'2 -$#';*$' -+' '+' ' ' !=' <0'H>LMJF.#0%$!8'+'4:!'6'05'$,0'+!*$' -' 6' 2 4:!0E'58-%4'2%!':# ;!04+'1,'!0',+';#'!!'%-$ '' / ' 0' ' 0' . ' ' ' H>LMOF 1 -'6 #,'4'$,0'6#'0-5!8':%$# -%.0' 6' #050#'23' '-.' 6' #*++'%'%-5'$,0' 66 0#' 6'$,0':#0+'50-28' 6'$,0' 0#!'-' 2%5048' -':,'! + :,8',+'2,'06' 1 #3'1%+'$,0'2 -$#';*$' -+'4%50''-'%++ 2'%$' -' 1'$,' '508 $'$ '$,0'' (' (!(<0 6' %-5'$,0' ' + ' H>LQPF''-'1,'2,' ,0'5'+2*++0+'$,0':#'-2':!0+'%-5'40$, 5+' 6'$,0' :#'-2':%!' +2'0-20+' @ !04;0#$@+' #0!'.'*+' 7'01+'0E:#0++05''-'$,0'6 #40# 1 #3';# *.,$' 5 1-'*:-','4'$,0'1#%$,' 6'$,0'(0+*'$+'%.%'-+$' 1,4'%!+' ,'+'0++%8'0-$'$!05'.0' 0(' C 0 ' H>LOQF 1%+'5'#02$05' # 05*2%9 $' -%!' :,'! + :,8''-'$,0'$02,-'2%!'+0-+0',+' '4:#$%-20'+'!0++'+'.-'6'2%-$' '+':+82, ! .8' 4%8';0'07%!*%$05';8'+$%$'-.'$,%$',0'5'+$'-9 .*'+,05'$,0',*4%-'6%2*!$'0+'-$'404#8' #0%+ -'%-5''4%.'-%$' -' !! 1'-.'*$'$,'+' 2!%++'6'2%$' -' 1,'2,',0' 2 -+'50#05'$#*0',0' %##%-.05'%!'+2'0-20+'*-50#$,#00',0%5+' 2 ##09 +: -5'-.'$'$,'+$,#006!5'5'7'+' -' 6' 40-$%!' :,0- 40-%' -%40!8',+$#8' 1,'2,'+'$,0' +2'0-20' 6' 404#8<:,'!+:,8' 1,'2,'+'$,0' +2'0-20' 6' #0%+ -<:0$#8' 1,'2,'+'$,0'+2'0-20' 6' '4%.'-%$' -' ,0' %##%-.040-$' '+' -$ 1'$,*$'$+'+*..0+$'70'*$'!'$8';*$'$'+';%+05' -' %'6%!+0'%++*4:$'-' '+2'0-20''+'$,0':#59 *2$' 6' %-8' -0'6%2*!$8'$'$,0'0E2!*+'-' 6'%!' $,0+'-' :05%..8',+'-6!*0-20',%+;00-' :#%2$'2%!!8'-'!' 0$',0'1%+';7'*+!8'%$#*0' 05*2%$#'%-5'5'5'4*2,';8',+'-50:0-50-$' %-5'3'-5!8'2,%#%2$0#'%-5';8'$,0'+'4:!'2'$8' 6',+'!'60'$'+0$'%$#*0'0E%4:!0'$'$,0':%4:0#05' !'$0#%$'%-5',%-.0#+?-''-'$,0':,'! +:,'2%!' 2'#2!0+'6',+'5%8' '+0++%8+'-'!'$0#%$*#0'%-5' #0+0%#2,'10#0'4#0'70#'%5'#02$2-$#';*$'-' $'$,0'2%*+0'6'$,0'6#005 4'6'+$*58' H #' :'':'JKLF

O6O#0-20T /

$ %# ' '> 2 % H %#'+'>))PF

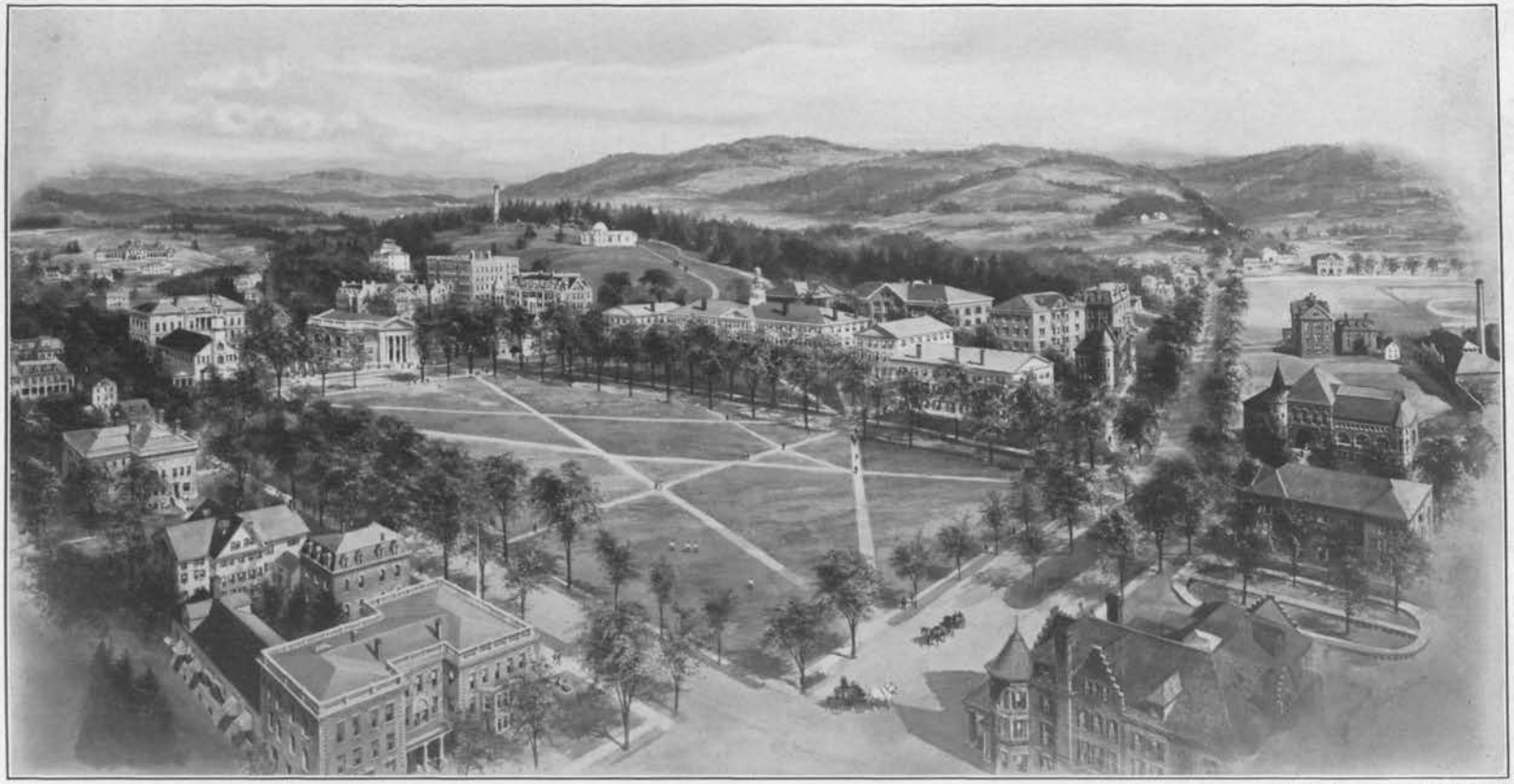
-%!' '- - .!%-5 ; *$,0 2 *!5 +%8 $,%$ 2 $!%-5 # 1'$G0#!%-5 1 *!5 - $,%70 60 10# $,%- - .9 !%-5 070- '-+0%: #$ $ 1 - + S ,'+ $#'; *$0 $ $,0 4 #%! %-5 #0!'.' *+ '-6!*0-20 6 5%40 +2, !+ '- >)NK '+ 1 #$,8 6 - $'20 $ 4 *+$ %!+ ;0 - $05 $,%$ + 40 6 $,0 0!0 40-$%#8 6#00 +2, !+ 10#0 6 # $,0 $'40 ;0'-. 5%40 +2, !+ , *+ 6# 4 >L)J $ >L)O $,0 #00 2, ! %$ 0!; *#-' 1%+ $%*. ,$;8 % 1 4%- #+ ;+ - 1'! 1 10#0 $,0 +%!%#'0+ :%'5 $ 1 40- %$ $,'+ $'40 6 # $0%2,'-. 1 #3 '+ +, 1- ;8 $,'+ '-+$%-20 ,0 1%+ :%'5 0 5*#'-. $,0 :0#' 5 >L)J?>L)O $10!70 .*'-0%+ % .*'-0% % 4 -$,H+00 .0#+ 1 ! / (0 0 + (6 ! $ $'':: QNJ KF QNQ H''F ,0 +%40 1 #3 .'70+ $,0# '-6 #4%$' - %+ $ $,0 :%8 40-$ 6 1 40- $0%2,0#+ '++ 0 -' (%-*%#8 >LLO %$ %+$!0 1%#5 1%+ :%'5 6 # -0 U*%#$0# +2, !'-. $0- +,'!!'-.+ %-5 +'E:0-20 4 2 : Q>L H''F ,0#0 %#0 $,0# 2%+0+ H'- >LQQF 1,0- $0%2,'-. 1%+ :%'5 %$ #%$0+ 7%#8'-. 6# 4 -0 $ $1 +,'!9 !'-.+ % 1003
 = ,# *., *$ -.!%-5 $,0 '-+$'$*$' - 0E'+$05 '- :#%2$'2%!!8 $,0 +%40 6 #4 *-$'!' 70#8 #020-$ $'40+ %!$, *., '$+ :!%20 ,%+ - 1';00- $%30- $ % !%#.0 0E$0-$;8 $,0 : *;!'2 '-6%-$ +2, !+ ,0 %$ %' $'40 %-5 $0%2,0+ $,0 %!: ,%;0$ %-5 0%+8 1 #5+ $,0 ,'.,0+$:# 6'2'0-28 %$$%'-05 ;0'-. $,0 : 10# 6 #0%5'-. % !'$$!0 '-$,0 01 0+$%9 40-$ - !84 *$, %-5 07 -: #$ $,0 %29 2 *-$.'70- 6 +*2, +2, !+ '+ 070- !0+ +%$'+6%29 $ #8 -0 6 # * 4'- + '-6 #4%-$+ +%8+ ,0 5%40+ 4 +$ 2 4 4 -!8 ,%70 -!8 -0 # 4 6 # 070#8 :*#: +0 %-5 $,0'# +2, !%#+ 4%8 6$0- ;0 +00- +'$$'-. # *-5 $,0 +'50+ 6 %6 *#? : +$;05 -! 1 6 #4+ $,0 +'50+ 6 $,0 ;05 6 #49 '-. % ;%23 $ $,0 +0%$ + 40$'40+ -$,0 +'50+ 6 $,0 ;05 ,0-$,0 2,'!5#0- %#0 :#0+0-$ $,0 %$4 +:,0#0 '+ %!1%8 : :#0++'70 $ 40 %-5 6$0- '6 +$%8'-'$6 #$0-4'-*$0+1'$, *$:0-9 '-. $,0 1'-5 1 '$ 4%30+ 40 +'23 V ,0 # 4 55+ # *4'- 6# 4 ,'+ 1- ;+0#7%9 $' - V '+ 6$0- + +4%!!$,%$ $,0 2,'!5#0- 2%-- $ +$%-5'-'%+0 4 '2'#2!0 # *-5 $,0 $0%2,0# -5005 ,%70 +00- $,0 2,'!5#0- %+ 2! +0!8 :%2305 %+ ;'#5+ '-'%-0+$' %-5 $* 4 ;!'-. 70# 0%2, $,0# !'30 :*::'0+ '-% 30--0! S (50 40#'2% / ,0 5%40 +2, ! 1%+ $#%-+9 :!%-$05 $ 40#'2% %$ $,0 $'40 6 $,0 2 ! -'G%9 $' - *$%!$, *.,'$,0 5%40 +2, !+ *-5 *;$9 05!8 0E'+$05 '- %++%2, *+0$$+ 6# 4 $,0 0%#!'0+$ +0$$!0 40-$+ $,0 6'#+$ 506'-'$0 40-$' - 6 $,04 '+ 6 *-5 '- ;*#- %++ '-'>OLJ -0 1%+ 30:$;8 R !!0- -7%# 1'60 S %- $,0# ;8 ?' (+0:, #'.,$ 1'60 S - -2 #5 '- >O)K $,0#0 10#0 R '-' 070#8 U*%#$0# 6 *# $ 1- 40- %-5 1 40- $,%$$0%2,'$ '#0%5'%-5 1#'$0 -.!'+,'1,0-' :%#0-$+ 2%- +:%#0 $,0'# 2,'!5#0- %-5 $,0#+ $. $ $ $,04 S - %4 ;#'5.0 ?'6 # -.!'+, *# +2, ! 5%40 '+ . 51'60 0%!8 S %4*0 01%!! #09 2 #5+ '-',' '%#8'- :#'! >OP>T R , '+ %6$0#9 - -',%5 (+0:,'$ '+2, !'$ %:$ 1-+0-5 + 4 $,0# ,' 2 *+'- (%-0 %22 4:%-8'-. ,'4 2%##'05 ,'+, #-; 3 S #+ #'70$$%-5 #+ 550 10#0 5%40+ '- +$ - 5*#'-. $,0 +02 -5 502%50 6 $,0 0'.,$00-$, 20-$*#8 ,0 1'60 6 ;0-0G0# '0!5 $,0 +4'$, 6 $,0 $ 1- 6 #$,6'0!5 30:$ $,0 6'6+$ +2, !'-' $,%$ $ 1- 5*#'-. >LN> R ,0 $%*.,$ % 2!%++ 6 8 *-. 2,'!5#0- %$,0# 1- , *+0 6 # $10-$8 1003 6 $,0 1%# 4 +0%+ - S -+$#*2$' -' 1%+ 2 -6'-05 !%#.0!8 $ $,0 !0%#-'-. 6 $,0 %-5 $,0 ;0.'--'-.+ 6 #0%5'-. ,0 , #-9 ; 3 4<% %*6 + 2%!!05 ;8 #0%+ - 6 '$+ 2 -+$#*29 $' - 1%+ 1'50!8 *+05 6 # $,'+ :*#: +0 , +0 5%40+ 1, #020'705 !50# :*:'!+ $%*.,$ $,04 6# 4 % +:0!!0# # :#'40# ,0 #0%5'-. 4%$$0# 1%+ 1, !!8 #0!'. *+ # 4 #%! -+$#*2$' -' 3-'$$'-. 1%+ %!+ + 40$'40+ .'70- $ '+ +%'5 $,%$ $,0 5%40+ 10#0 *+*%!!8 0-.%.05 '-'3-'$$'-. #+01'-. 5*#'-. $,0 $'40 $,08 10#0 $0%2,'-. %-5 $,%$ % #%:' 6 $,0 $,' 4 ;!0'*: -' $,0 ,0%5 6 %5'+9 #50#!8 2,'!5 1%+ -0 6 $,0 4 +$ 6%7 #05 40$, 5+ 6 5'+2':!'-0 *+0, !5 5*$'0+ 6 7%#' *+ + #$+ 10#0 %!+ .'70- %$$0-$' -' 5*#'-. , *#+ 6 '-+$#*2$' - = ,0 %40 2, ! 1%+ $,0 :#'4%#8 +2, ! 6 0%#!8 01 -.!%-5 $,0 3- 1!05.0 %$$%'-05 '-'$;0'-. % :#0#0U*'+'$0 $ 0-$#%-20 $ $,0 $ 1- #0%5'-. %-5 1#'$'-. # .#%44%# +2, ! ,0#0 10#0 *+*%!!8 +070#%! 5%40 +2, !+ '- 0%2,'$ 1-+'$*%$05 %$ 20-$#%!



In a New York City Park.

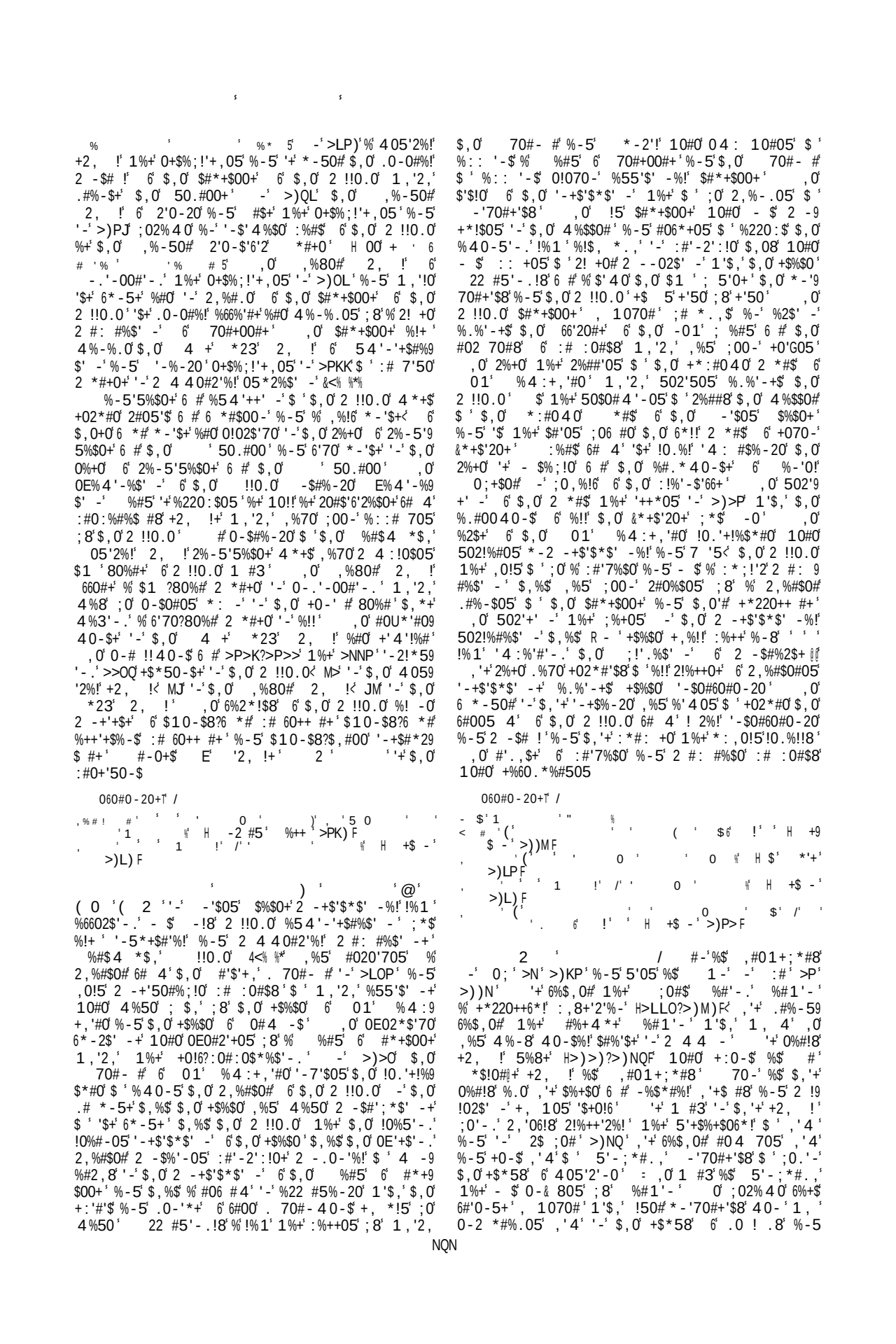
On the Roof of a New York City School.

FOLK DANCING IN THE PUBLIC SCHOOLS.



DARTMOUTH COLLEGE.

Permission of W. T. Littig & Co.



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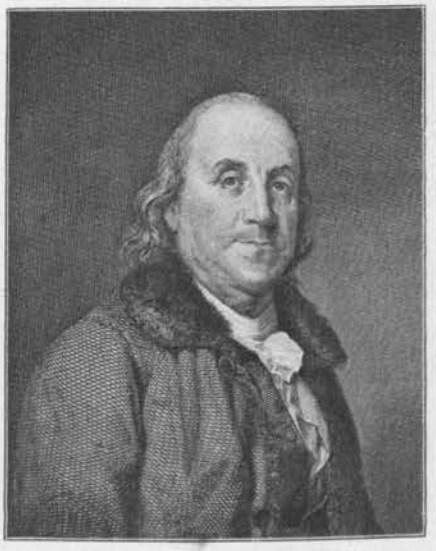
Thomas Davidson (1840–1900).
See p. 255.

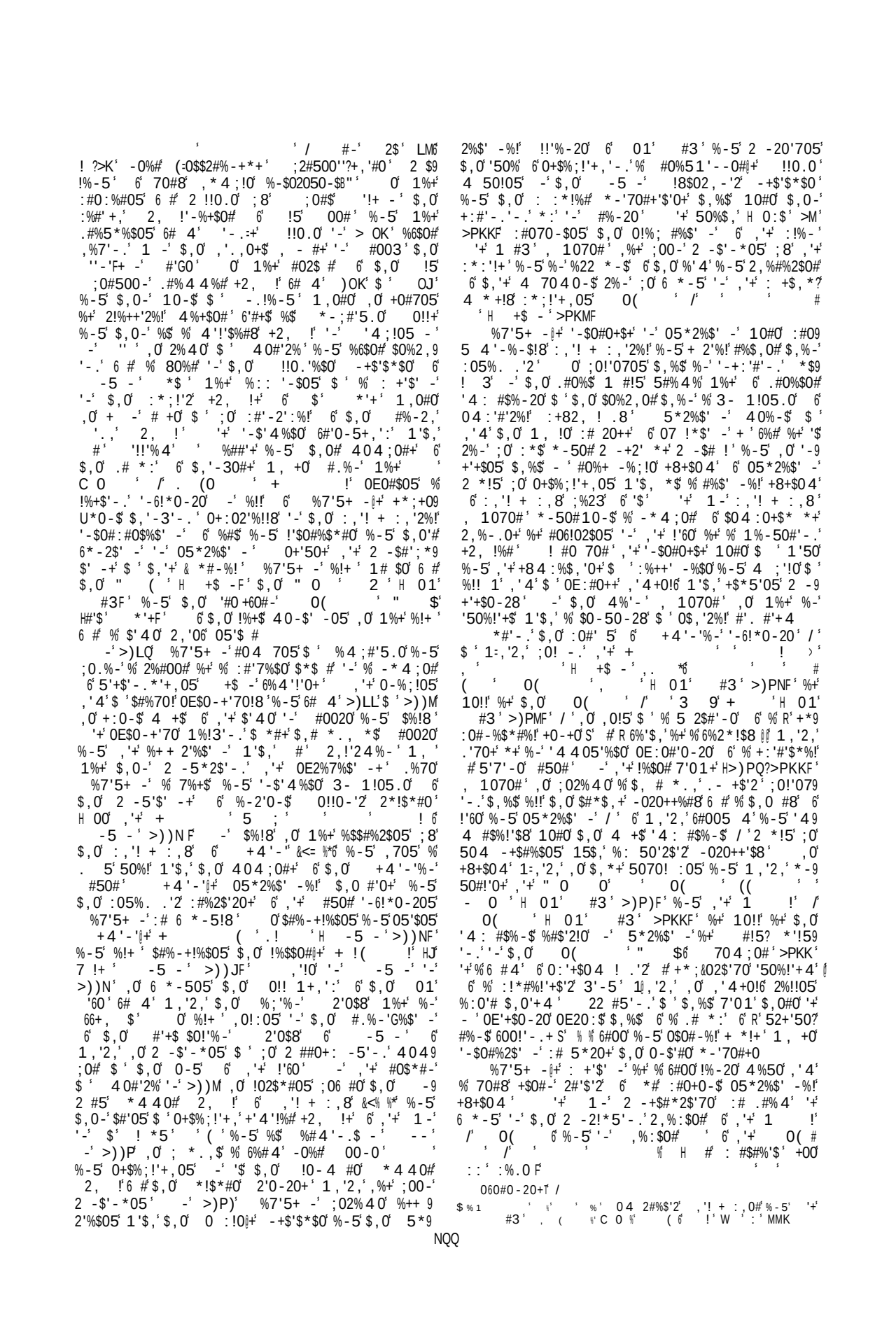
John W. Draper (1811–1882).
See p. 366.

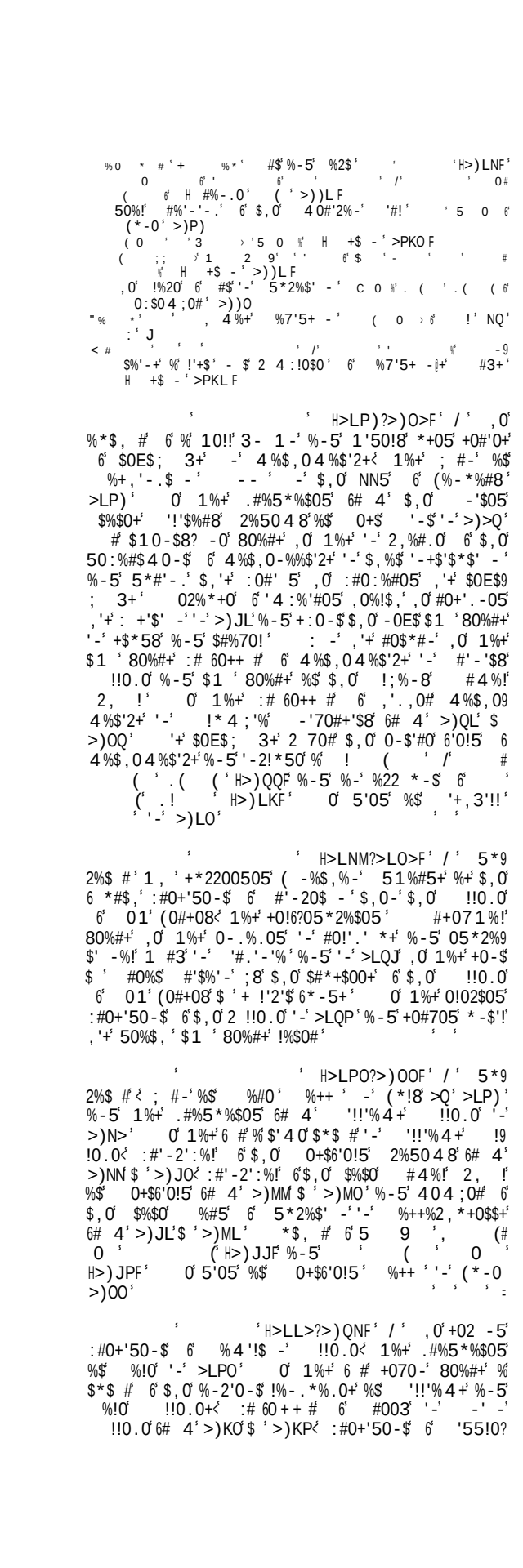
John Fiske (1842–1901).
See p. 617.



Benjamin Franklin (1706–1790).
See p. 686.

A Group of American Educators.





%*$, #▯+ 2 -20:$' - 6 :0#602$ 4%-!'-0++ %-5 $ '-2*!2%$0 $,0 7'#$*0+ 6 '-50:0-50-20 2 *#%.0 %-5 , * 4%-'$8
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O60#0-20+T /
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 070! :40-$ / , '!0'$'+ 5 *;$!0++ $#*0 $,%$ $,0 -*4;0# 6 50%6 :0#+ -+ '-' $,0 1 #!5 ,%+ %!1%8+ ; #-0 %; *$ $,0 +%40 :# : #$' - $ $,%$ 6 $,0 ,0%#'-. '$' '+ -!8 1'$,'-' $,0 :%+$ 601 20-$*#'0+ $,%$ %-8$,'-. ,%+ ;00- 5 -0 $ 9 1%#5 $,0'# 05*2%$' - # $,0 %40!' #%$' - 6 $,0'# 2 -5'$' - %++'-. 70# $,0 601 #060#9 0-20+$,%$ 22*#'-$,0 2#':$*#0+%-5 0%#!8 #003 1#'$0#+ $,0 10!! 3- 1- 2 *:!0$ 6 *2#0$'*+ 4%8 ;0 U* $05 /
R ''-+$#*2$ $,0 50%6 - '%#$ 2 *!5 070# #0%2, 2%#0 '4:# 70 $,04 %-5 - '1'+5 4 $0%2, S
%+ '-5'2%$'-. $,0 0+$'4%$' - '-' 1,'2,'$,08 10#0 ,0!5 '- $,0 %-2'0-$ 1 #!5
0#,%:+ $,0 0%#!'0+$ #060#0-20 $ $,0 05*2%9 $' - 6 % 50%6 :0#+ -' '+ 6 *-5 '-' $,0 1#'$'-.+ 6 $,0 0-0#%;!0 050 4<% %*6 1, $0!!+ , 1 $ (,-' 6 070#!8 $%*.,$ % 8 *-.' 50%6 4%-' $ +:0%3 %-5 #0%5 $,0 !':+ $ 1%+ , 1070# ! 305 *: -' 4 #0 %+ % 4'#%2!0 $,%-' 05*2%$' - -*4;0# 6 $,0# 2%+0+ %#0 %!+ 40-$' -05 ;8 + 40 !#$0#+ ;*$ 4*2,'5 *;$'+ 0E:#0++05 ;02%*+0 6 $,0 +004 -.' 4 : ++';!'$8 6 $,0 60%$ $ 1%+ - $ *-$'! $,0 +'E$00-$,' 20-$*#8 $,%$ (0# 40 %#5%-' 4<% %* H>QK>?>QLOF 6 %7'% %-' 0220-$#'2 .0-'*+ %-5 +:02*!%$'70 :,'! + 9 :,0#' 1'$,':# ;%;!8 - '%2$*%!3- 1!05.0 6 $,0 50%6 1# $0 R #'$'-.'+ %++ 2'%$05 1'$,'+:002,' %-5 +:002,' 1'$,' $, *.,$';*$ 1#'$$0-2,%#%29 $0#+ %-5 '50%+ 4%8 ;0 2 --02$05 1'$, *$ $,0 '-$0#70-$' -' 6 + *-5+'S %-5 6# 4'$,'+,0 5#01 $,0 2 -2!*+' -' $,%$ R'$,0 '-+$#*2$' -' 6 $,0 50%6 '+ 5'66'2*!$' ;*$ '$' '+ : ++';!0 S %#5%-' %!+ ' +*..0+$05 $,0 : ++';'!'$8 6 $0%2,'-.' $,0 ;!'-5 $ ' #0%5 ;8 $,0 +0-+0 6 $ *2, ,0 6'#+$ #02 #505 $0%2,0# 6 $,0 50%6 '+ 05# ' -20 50 0 -' H>QNKc?>Q)MF '% :%-'+,'4 -3 6 $,0 #50# 6 $ 0-05'2$ -' %!0.%!'5 2*40-$ 1#'$$0-'-' >QL) ,0 +%8+' R' ,%70 ,%5 6 # 48 *:'!+' 1, 10#0 50%6 %-5 5*4;'6# 4 ;'#$, + -+ 6 .#0%$! #5+ %-5 - $%;!0 :0 :!0 1, 4 ,%70 $%*.,$ $ +:0%3 #0%5 1#'$0 %-5 #023 -S 0 %!+ $%*.,$ %$'- #003 %-5 $%!'%- %-5 -0 6 ,'+ :*:'!+ R 1%+ #5%'-05 %-5 ,0!5 66'20 %-5 04 !*9 40-$ '-$,0 ,*#2,' %-5 :0#6 #405 $,0 +0#9 7'20 6 $,0 %- -'2 *#+ S 6 -20 50 0 -' H>QNKc?>Q)MF '% :%-'+,'4 -3 6 $,0 #50# 6 $ 0-05'2$ -' %!0.%!'5 2*40-$ 1#'$$0-'-' >QL) ,0 +%8+' R' ,%70 ,%5 6 # 48 *:'!+' 1, 10#0 50%6 %-5 5*4;'6# 4 ;'#$, + -+ 6 .#0%$! #5+ %-5 - $%;!0 :0 :!0 1, 4 ,%70 $%*.,$ $ +:0%3 #0%5 1#'$0 %-5 #023 -S 0 %!+ $%*.,$ %$'- #003 %-5 $%!'%- %-5 -0 6 ,'+ :*:'!+ R 1%+ #5%'-05 %-5 ,0!5 66'20 %-5 04 !*9 40-$ '-$,0 ,*#2,' %-5 :0#6 #405 $,0 +0#9 7'20 6 $,0 %- -'2 *#+ S 6 -20 50 0 -' !06$ %-8 1#'$$0-' %22 *-$ 6 ,'+ 40$, 5 '$,%+ - $2 40 5 1-$ '*+ ;*$ 10 ,%70 #0%+ -' $;09 !'070 $,%$,0 ;0.%-' ;8 $0%2,'-.' $,0 1#'$$0-' 1 #5 6'#+$ 6 !! 1'-.' $ 1'$,' $,0 +: 30-' 6 #4 ,0 6'#+$ 1 #3 -' $,0 05*2%$' - 6 $,0 50%6 $,%$ 10 ,%70 '+ 6# 4' $,0 ,%-5 6 (*%-' %;! -0$ H5 >ONPcF '%!+ '% :%-'%#5'1, +0 40$, 5 1%+ +'4'!%# $ $ $,%$ 6 50 0 - '6 # ,0 6'#+$ $%*.,$,'+ :*:'!+ $ 1#'$0 $,0 !0$$0#+ '%-5 $,0-
???
.%70 $,04 $,0'# :, -0$'2 7%!*0+ -' ,'+ ; 3 ,0 +%8+ R ,0 +2, !%# '+ 5*4;';02%*+0 ,0 '+ 50%6 '%-5 2%- $';8 %-8 40%-+ ,%70 ,'+ ,0%#'-. #0+$ #05 *$;8 +'.,$,0 2%-' %2U*'#0 $,0 3- 1!05.0 ! +$;8 50%6-0++ S -' $0%2,'-.' +:002,' ,0 R 0E0#2'+05 $,0 +2, !%# '-' :!%2'-.' ,'+ $ -.*0 00,'%-5 !':+ '-' $,0 : +'$' -+ +*'$%;!0 $ '$,0 %#$'2*!%$' - 6 0%2,'!0$$0#' $,0-' 4%50 $,04 0E,%!0 $,0 %'# -020++%#8 6 # $,0 : # 5*2$' - 6 7 '20 S -0$ %!+ +$%$0+ $,%$ R $,0 !%-9 .*%.0 6 %2$' -'+ %-%$*#%! !%-.*%.0 S %-5 4%50 *+0 6 +'.-+ %+ 10!! %+ % 4%-*%! %!:,%;0$' 4 -.' $,0 #'$'+,' 1#'$0#+ -' $,0 +*;&02$ 10#0 (,-' *!10# H6!' >OQMF ' %:*#0!8 :,'! + :,'2%! 1#'$0# %-5 '!!'%4 !50# H>O>O?>OP)F (,-' %!!'+ H>O>O?>LKJF %-5 0 #.0 %!.%#- H>ONOc?>0)LF %!! +*220++6*! $0%2,0#+ 6 +:002,' $ $,0 50%6 1, 106$ 50+2#':$' -+ 6 $,0'# 40$,9 5+ (,-' -#%5 44%- H>OOP?>LNMF %-$'70 6 1'$G0#!%-5 #0+'50-$ '- %%#!04 !!%-5 1%+ %- $,0# *220++6*! #%! $0%2,0# %-5 ,'+ 1#'$'-.+ 5'5 4*2,' $ '-6!*0-20 $,0 40$, 5+ $,%$ 10#0 %5 :05 - $! -. %6$0# '- 0#4%-8 ,0 6'#+$ $0%2,0# '- #%-20 1%+ (%2 ;5#'.*0+ 0#'0#0 H>L>Q?>L)KF % :%-9 '%#5 1, +0$$!05 %$ #50%*E '- >LM> :' $ $,0 4'55!0 6 $,0 0'.,$00-$,' 20-$*#8 %!!' $,0 '-+$#*2$' -' ,%5 ;00- 6 % :#'7%$0 -%$*#0 %-5 '-5'7'5*%! ,0 40$, 5 04:! 805 1%+ #%!'+*::!040-$05 ;8 1#'$'-.'%-5 '-'+ 40 2%+0+ ;8 % 4%-*%!' %!:,%;0$ '$,' $,0 0+$%;!'+,9 40-$ %$ %#'+ '-' >LOK 6 % +2, ! 6 # : # 50%6? 4*$0+ ;8 ,%#!0+? '2,0!50 ▯ :"0 H>L>N?>L)PF % -01 0#%' -' $,0 05*2%$' - 6 $,0 50%6 ;0.%-' %-5 % -01 40$, 5 1%+ '-$# 5*205 -' $,0 +%40 80%# $,%$ $,0 ;;0 50 !▯ :00 :0-05 ,'+ +2, ! '- %#'+ , 4%+ #%'51 5 H>L>Q?>)KOF ;09 .%-' % 1 #3 %$ 5'-;*#.,' $,%$!05 5 $,0 0+9 $%;!'+,40-$ 6 +2, !+ '- #0%$ #'$%' - 601 80%#+ !%$0# H>LL)F %4*0! 0'-'230 H>LNP? >LPKF :0-05 %$ 0':G.' *-50# $,0 :%$# -%.0 6 $,0 !02$ # #050#'23 *.*+$*+ 6 %E -8 $,0 6'#+$ +2, ! '- 0#4%-8 %-5 $,0 6'#+$ '- $,0 1 #!5 $ #020'70 . 70#-40-$ #02 .-'$' - ,0 %#'+ +2, ! 1%+ $%30-5 70# ;8 $,0 . 70#-40-$ %+ $,0 %$' -%! -+$'$*$' -' '- >LP> *$ '- #0%$ #'$%'-' $,0 '-+$#*2$' - 6 $,0 50%6 #09 4%'-05 % 4 - :!8 6 $,0 #%'51 5 6%4 '!8 6 # 6'6$8?-'-0 80%#+ !! $,#00 6 $,0+0 +2, !+ 10#0 %$ $,0'# 6 *-5%$' - #%! $ 1%+ -!8 $,0 -020++'$8 6 '-+$#*2$'-.' +'E$8 # 4 #0 :*:'!+ 1'$,' %!4 +$ - %++'+$%-20 $,%$ 2%*+05 50 ▯ :50 $ 507'+0 ,'+ +8+$04 6 +'.-+ %+ % 4 #0 #%:'5 40%-+ 6 $0%2,'-. $ 1%+ 1'$,'07'50-$ #0.#0$ $,%$,0 %;%-5 -05 $,0 #%! 40$, 5'6 # '- >LL ,0 1# $0 R 070# 1'!! $,0 1 #!5 $#%'-' '$+ 6'-.0#+ %-5 080+ $,%70 $,0 :!0%+*#0 6 2 -9 70#+'-.' 1'$, $,0 50%6 %-5 5*4;' ,0 -!8 +0#' *+ 40%-+ 6 .'7'-.' $,04 ;%23 $ + 2'0$8 + $ $0%2,'$,04 , 1'$ $,0%# 1'$,'$,0'# 080+ %-5 +:0%3 1'$,' $,0'# $ -.*0+ S ,0 #%'51 5 +2, !;02%40 3- 1-' '- 40#'2% %-5 %4 -. $,0#+ #%-2'+ #00- 6 +$ -+0-$,'+ + -' %2# ++ $;0 05*2%$05 -' >L)J #00- 1# $0 ,'+ (0 .02:(

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!':+S # !0E%-50# #%,%4 0!!1%+2, +0-
#0+'50-$ 6 $,0 ++ 2'%$' - $,0 6*#$,0#9
%-20 6 '$+ ;&02$+$,0 ++ 2'%$' -,%,0!5%
-*4;0# 6 +*440# 400$'-.+%-5,%+50-$0#05
'-$ %-%.#00400-$ 1'$,$,0 !%#30 2, ! ;8
1,'2,''$ 4%30+*+0 6 $,0 - #4%!2!%++ 6 $,%$
+2, ! 6 # $,0 $#%'-'-. 6 $0%2,0#+ $ $,0
*#$00-$, -70-$' - 6 40#'2%-'-+$#*2$ #+
H !'-$' '2, >)PQF%2 -+$'$*$' -1%+5 :$05
%-5 !%$0# % 050#%!2,%#$0# ;$%'-05 ,0
%!'6 #-'% 0+ !*$' -1%+ #0'$0#%$05 %-5 %
502!%#%$' -%5505$,%$ $,0 -70-$' -1%+
R2 44'$$05 $ - :%#$'2*!%# $,0 #8 40$, 5
+8+$04 %5 :$'-.%+ '$+.*'50 $,0 6 !! 1'-.
4 $$ T V -8 40$, 5 6 # . 5 #0+*!$+< %!!
40$, 5+%-5 105505$ - -0 S # 51%#5
'-0# %!!%*50$ 1%+0!02$05 :#0+'50-$ -#9
4%! 2!%++ '+ 4%'-$%'-05 %$ %!!%*50$!!0.0
6 # $,0 $#%'-'-. 6 $0%2,0#+ -$,0 !'-0+!%'5
5 1-;8$,0 -70-$' -

!%++'6'2%$' - 6 0%6 0#+ -+/ 22 #5'-.
$ $,0 20-+*+ #0$*#-+ 6 $,0 -'$05 $%$0+%-5
$,0 #'$'+, +!0+$,0#0'+ -0 50%6:0#+ -''-070#8
>OKK ; *$' MK :0# 20-$ 6 $,0 50%6-0++ '+
2 -.0-'$%! %-5$,0 #0+$ $,0 #0+*!$ 6 5'+0%+0 #
%22'50-$,0 2 -.0-'$%!!8 50%6 %#0$, +0 50%6
6# 4 ;'#$, %-5 ;02%*+0 6 $,0'# 50%6-0++ $,08
%#0 5*4;' # 4*$0 '$,$,0+0 %#0 *+*%!!8
'-2!*505$, +0 1, ;02%40 50%6 ;06 #0 +:002,
1%+ %2U*'#05 ,0 +04'?4*$0 %#0$, +0 1,
;02%40 50%6 %$0# +:002,1%+ %2U*'#05 ,0'#
%;'!'8 +:0%3 %-5*+0 !%-.*%.0 7%#'0+ 1'$,
$,0 %.0 %$ 1,'2,5 50%6-0++ 22*##05 %-5 ;09
2%*+0$,0'# +:002,'+ 4 #0 #!0++'4:0#602$$,08
%#0 $0#405 +04'?4*$0 ,0 +04'?50%6 %#0
$, +0 1, ,%70+ 40,0%#'-. 6$0-'0-*.,'$
,0!:'-$,0 %2U*'+'$' -6 +:002,'%-5!%-.*%.0
%-5$,0 4 5'68'-. 6$ -0+ $+, *!5 ;0 07'9
50-$ $,%$ $,0+0 $,#00 2!%++0+ #0U*'#0 5'660#0-$
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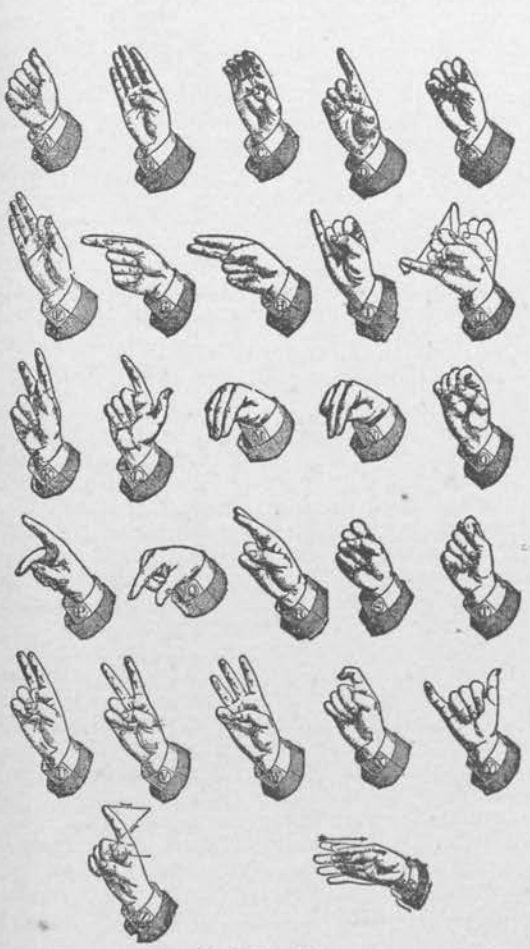
#020'70 :#%2$'2%!!8$,0 +%40 $ 1%+:# ;%;!8
'- 0-4%#3 $,%$ $,0 6'#+$ #0%!% $$$04:$ 1%+
4%50 $ %5%:$ $,0 '-+$#*2$' - $ $,0 -005+
6$,0 :*:'!+ ,0#0 %!! -01:*:'!+:0-5 $,0
6'#+$80%#$ .0$,0#;0'-.'$0+$05'6 #2!%++'6'2%$' -
,0 +04'?50%6 %-5 +04'?4*$0 :*:'!+ %#0 -$0U*%!
40-$%!!8$,0#0'+, *!5;0%+*;5'7'+' - 6$,%$
.# *:'%!+ - 40-$%! 2%:%2'$8$,0 50%6 5'660#
;*$!'$$!0 6# 4$,0 ,0%#'-.< $,0#0 %#0 %4 -.
$,04;#'!!'%-$ 4'-5+. 5 4'-5+'6%'#%-5600;!0
4'-5+ ,0 600;!0-0++ 6 4'-5'+ 6$0-$,0
#0+*!$ 6$,0 5'+0%+0 $,%$ 2%+05$,0 50%6-0++
,0 600;!0?4'-505%-5 ;%231%#5 50%6 %#0 %
.#0%$,'-5#%-20 $ $,0:# .#0++ 6$,0'# 2!%++0+
%-5 4%-8 %#0 5'+2,%#.05 %+ - $ 6'$ +*;&02$+
6 #'-+$#*2$' - 6$,0'# -*4;0# ;0 +*66'2'0-$!8
.#0%$$,08 4%8;0 .# *:05;8$,04+0!70+ ;*$
070-$,0-$,0'# :#0+0-20 '-$,0 +2, !'+*-50?

+'#%;!0 -+$%$0+!'30 01 #3%-5 0--+8!?
7%-'% 1,0#0 $,0#0 %#0 +070#%! +2, !+$,0
%-'+,2!%++'6'2%$' -4'.,$;0 0%+'!8 2:'05'
*$ '6 '$ 10#0 - $ 6 !! 105 '-%!' $+50$%'!+
:# 7'+' -4'.,$ %$!0%+$;0 4%50 6 # $,0 ;%239
1%#5 50%6< $,08 %#0 %+ 50+0#7'-. 6 :# :0#
$#0%$40-$ %+ $,0 50%6?;!'-5%-5 %#0 6%# 4 #0
-*40# *+

0$, 5+ 6 -+$#*2$' - / -$,0 05*2%$' -
6$,0 50%6 $,0 %'4' '+$,0 +%40 0%+ $,%$ 6 %!!
$,0# 05*2%$' - % %$,0'4:%#$'-. 63-1!05.0
%-5$,0 5070! :'-. 6 4'-5 ,0#0 %#0 $1
:#'-2':%! 40$, 5+;8 1,'2,$,'+ '+ 5 -0$,0
4%-*%!' # H%+ '$ '+ 2%!!05 '- #0%$ #'$%'-F
+'!0-$ 40$, 5 %-5$,0 #%! ,0 !%$$0#
04:! 8+$,0 -%$*#%!' 40$, 5 6 ,*4%-2 2 44*9
-'2%$' - / +:002,' / '%-5+*+;+$'$*$0+6 # ,0%#9
'-. $,0 #0%5'-. 6 +:002,' ;8+'.,$ 6# 4 $,0
4 7040-$ 6$,0!':+ ,0 6 #40# *+0+ -%$*9
#%! # 2 -70-$' -%! .0+$*#0+ %-5 6'-.0# +:0!!'-.
'-' :!%20 6 +:002,' $,' 40$, 5+04:! 8
1#'$'-.'%-5 $0E$; 3+ -+ 40 +2, !+; $,'
#%! %-5 4%-*%!''-+$#*2$' -%#0 .'70- 6; $,'
40$, 5+%#0 *+05'-'$,0 +%40 2!%++0+'$,0 +2, !+
%#0 2%!!05 2 4;'-05 40$, 5 +2, !+< '6 + 40
2!%++0+ %#0 $%*.,$ #%!!8 %-5 + 40 4%-*%!!8
$,08 %#0 2 4;'-05 +8+$04 +2, !+ + $,0
4%-*%! 40$, 5 1%+$,0 6'#+$ $ ';0 *+05''-$,0
+2, !+ 6 40#'2%'%-5 %+ '$ '+ +$'!! 04:! 805
'-' 4 +$ 6$,04 4 5'6'05 4 #0 # !0++;8 #%!
$0%2,'-.''$' 1!! ;0 50+2#';05 6'#+$' ,0 4%-*%!
40$, 5 0',:! 8+ 7040-$+ 6$,0 ,%-5+%-5
6'-.0#+$ 0E:#0++'50%+''-':!%20 6+: 30-1 #5+
,0+0 4 7040-$+ 4%8;0 .0+$*#0+'0'$,0# -%$*9
#%!!8 :%-$ 4'4'2 # 2 -70-$' -%!'G05 # %!9
:,%;0$'2 +84; !+ *+05 6 # +:0!!'-. 1 #5+
+ 0E%4:!0+ 6$,0 -%$*#%!' +'.-+$,0 6 !! 1'-.
4%8;0 2'$05 R $,0 6'-.0#+%-5 $,*4;' 6
$,0#'.,$,%-5;# *.,$$ .0$,0# %-5 :!%205$
$,0!':+ . R $,0 ,0%5 '-2!'-05 %-5 2,003
!%'5 -':%!4' 6#',$,%-5 1 0 R $,0$':+ 6
$,06'-.0#+ 6 ; $,',%-5+:!%205$ .0$,0# *$9
!'-'-.'% # 6 6$,0+0$,#00 ;0 2 4;'-05'-
$,0 #50# 1 0 = =. 610,%70$,02 -70-9
$' -%!'G05'+'.-'6 # 1 H$,0:!%20 60%$'-.'%-5
+!00:'-.F C#,05#%1'-. 6$,06 #06'-.0# ,#'9
G -$%!!8%2# ++$,04 *$,'6# 4';%+0$ $'$':'70#8
-%$*#%!!8+*..0+$+R'+8#*:'S # R 4 !%++0+S';*$
1,0-$,04 7040-$'+6# 4'$':'$ ';%+0'$ 4 "-+
R'% !'0S ,0 6 #06'-.0# ,0!5 70#$'2%!!8;06 #0'
$,0 4 *$,'%-5 $,0-' $,#*+$ 6 #1%#5 40%-+
R'$#*$, S

40+'.-+'2%!!05''-'$'%!+'.-+'2 -+'+$ 40#0!8
6$,0 6'#+$!0$$0# 6$,0 1 #5''-$,0 4%-*%! %!9
:,%;0$' R ,%#%2$0#S'+$,0 !0$$0# 70#$,0
,0%#$'%-5$,0 5%8+ 6$,0 1003%#0$,0''-'$'%!+
' ' 0$2 2 4;'-05 1'$,'% 2'#2*!%# 4 709
40-$ 6$,0',%-5 6$,0$':+ 6$,0 6 #0'%-5
4'55!0 6'-.0#+ 6$,0#'.,$,%-5;0 :!%205 -
$,0 ;%23 6$,0 !06$ 6'+$'%+ '6 :#'23'-.'%: $%$
1'$,'%6 #3 $,0 40%-'-.'+ R #0!%-5S -
-.!%-5$,0$,*4;' ':-05 1%#5'% :0#+ -
#$,'-.'40%-+ R. 5S 1,'!0$,0 !'$$!0 6'-.0#
40%-+ R ;%5S -'%*$, #'$8 -$,0'+'.-'!%-9
.*%.0+%8+$,%$,0 ,%+ *+05'$ 1'$,'%-' 40#'2%-

Indian, a Hawaiian, a Chinese, the deaf in various parts of the United States, in England, Scotland, France, Germany, Switzerland, and Italy. If by sign language natural pantomime is here meant, it is quite possible, for natural pantomime can be readily understood by any one. Conventionalized signs, however, must be learned even by the deaf, of whom it is claimed by some that signs are the natural language. The order in which signs should be made has been much discussed by teachers, some advocating the order of the words, and others the "natural" order. The following is the Lord's Prayer as rendered by an acknowledged master of the sign language: "Father our Heaven in; name Thy hallowed; kingdom Thy come; will Thy do Earth on Heaven in same. Yesterday to-day to-morrow bread give eat enough. Debts our forgive we others debts their forgive same. Temptation lead in not. Sin trouble sorrow deliver. Kingdom Thy power Thy glory Thy forever and ever. Amen." This inverted order of signs, while perhaps the natural order of ideas, is undoubtedly a hindrance to the acquisition of a knowledge of written English. The alphabetic symbols, easy to learn and use, present real language in its proper form. In the Western New York Institution at Rochester, Dr. Zenas Freeman Westervelt has developed a method that combines the manual alphabet and speech, but excludes signs.

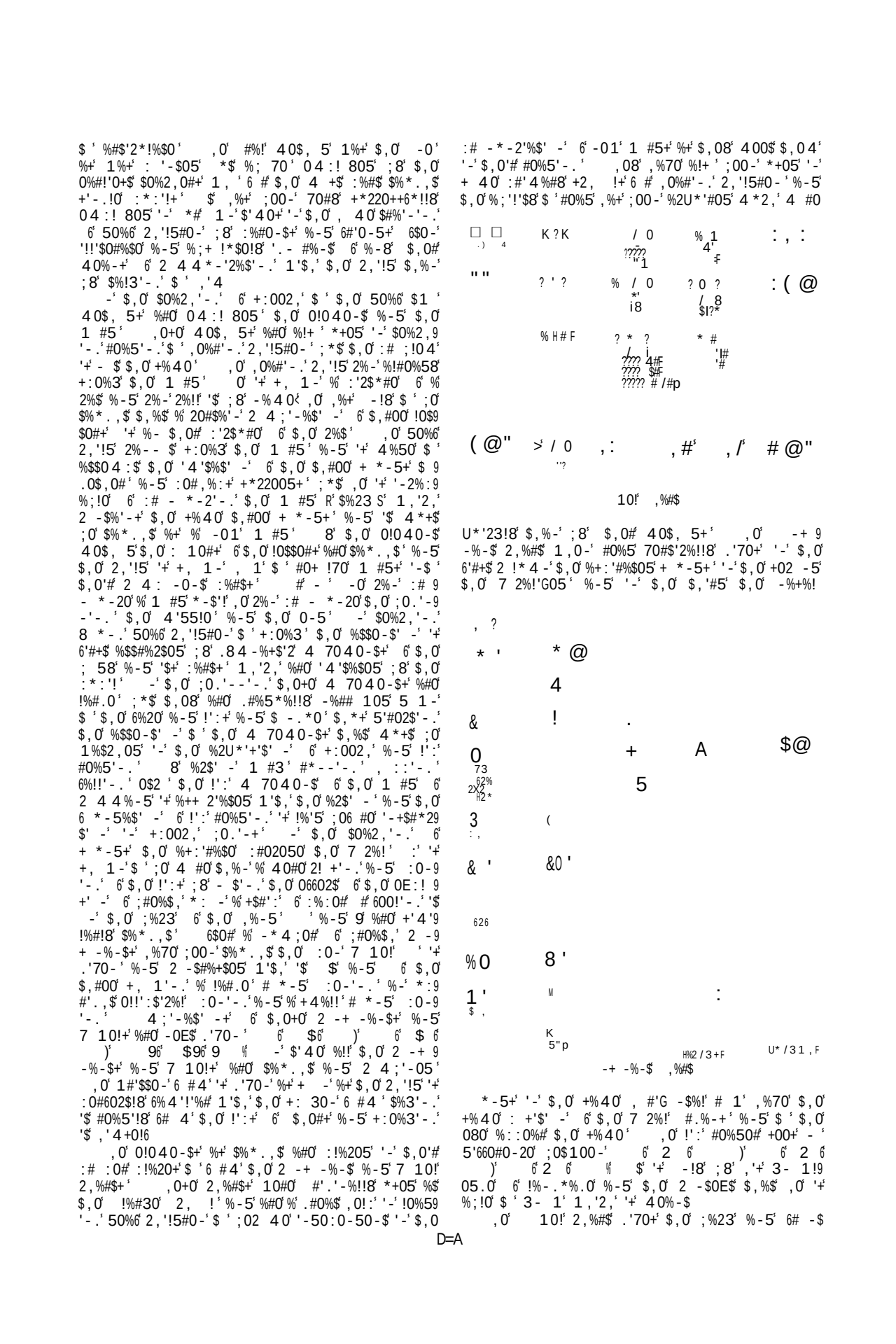


Single-handed.

Double-handed.

THE MANUAL ALPHABET.

The manual alphabet in both its single-hand (French and American) and double-hand (English) forms, is too well-known to need description. Plates illustrating the two forms are to be found in all dictionaries and encyclopedias, and most children at school learn to use it surreptitiously as a substitute for the forbidden whispering. But few remember it after their school days are over, and thus lose a method of communication that might be of great service and comfort in case of sickness or accident. Robert Louis Stevenson is said to have used it when too weak



7 10!+' '-' +0#'0+' 6# 4' $,0' -%## 1' $ ' $,0' 1'50'
, +0' ;0$100-' $,0' $1 ' +, #$ 5%+,0+' %#0' $,0'
+, #$ + *-5+' ,0' 5%+,0+' #0:#0+0-$ $,0' 2 -9
+ -%-$+' 6' $,0' 1 #5+' 1 ' 7 10!+' +0:%#%$05'
;8' % 5%+,' #0:#0+0-$ $,0' 5':,$, -.%!' + *-5+'
-.' 5%+,0+' #0:#0+0-$ 1 #5+' 1'$,' $,0' + *-5+'
%+' 6'-%!' ,0' %!$0#-%$'70' +:0!!'-.+' ,%70' $,0'
+%40' + *-5+' %+' $,0' 2,%#$' + *-5+' %; 70' $,04'
0%6' 2,'!5#0-' U*'23!8' !0%#-' $,0+0' #*!0+' 6' : 9
+'$' -' %-5' %: :!8' $,04' '-' $,0' :# -*-2'%$' -' 6'
%-8' 1 #5+' :*$' ;06 #0' $,04
*$' %!!' $,0' 5#'!!' $,%$' 4%8' ;0' .'70-' -' $,0'
0!040-$+' %-5' $,0'# 2 4;'-%$' -+' 1,'!0' '$ 4%8'
4%30' $,0' :*:'!' #0%5' 1'$,' % 6%'# %22*#%28' 6'
:# -*-2'%$' -' 5 0+' -$' 4:%#$ %-' *-50#+$%-59
'-.' 6' 1,%$' '+' #0%5' -8' -0' 4%8' !0%#-' $,0'
+ *-5+' 6' %' 6 #0'.-' !%-.*%.0' %-5' #0%5' '$ %! *5'
+*66'2'0-$!8' 10!!' $ ' 2 -708' '50%+' $ ' -0' 3- 1'-.'
'$' %-5' 80$ .0$-$,'-.'6# 4''$',' 4+0!6' 0'$,0#
5 0+' %-' %;'!'$8' ' #0%5' 6# 4',$,0'!':+' %-5' #0:0%$
1,%$' '+' +: 30-' ;8' $,0#+' 40%-' $,%$' $,0' 50%6'
2,'!5' ,%+' *-50#+$ 5' 1,%$' 1%+' +%'5' ,0'
- #4%!' 2,'!5' ,0%#+' !%-.*%.0' 6# 4',$,0' 5%8' 6'
,'+' ;'#$,' %-5' 070-' ;06 #0' ,0' !0%#-+' $ ' +:0%3'
*-50#+$%-5+' % .#0%$' 50%!' $,%$' '+' +%'5' $ ' ,'4'
,0' 50%6' 2, 5' 50:#'705' 6' %!' $,'+' *-2 -+2' *+'
$0%2,'-.' 4*+$' ;0' $%*.,$ 070#8' 1 #5' %-5' 2 -9
+$#*2$' -' %+' ,0' -005+' $ ' *+0' '$' ,'+' '+' $#*0'
1,0$,0# $,0' '-+$#*2$' -' '+' .'70-' ;8' 4%-*%!'
+:0!!'-.' .0+$*#0' # !':' 4 7040-$' $' '+' -'
0%+'0# 6 #' ,'4' $ ' *-50#+$%-5' 1,%$' '+' 40%-$'
1,0-' $?*?0?+?5?%?8' '+' +:0!!05' -' $,0' 6'-.0#+' #
$,0'$, *4;'+' :!%205' ;0$100-'$,0' 6 #0'%-5' 4'55!0'
6'-.0#+' %-5' $,0',%-5' 1%705' %# *-5' '-' % 2'#2!0'
$,%-' '$' '+' 1,0-' $,0' 1 #5' R' *0+5%8' S' '+' +: 30-'
%-5' ,0' 1%$2,0+' $,0' 4 $' -' 6' $,0' !':+' -'
070#8' 2%+0' ,0' 4*+$' ;0' $%*.,$' 1,%$' $,0' +'.-+'
4%-*%!' # !%;'%!' 40%-' $' '+' $#*0' $,%$' $,0'
4%-*%!!8' $%*.,$':*:'!' 2%-' 4 #0' #0%5'!8' '4'$%$0'
$,0' +'.-+' H+:0!!05' # .0+$*#05F' %-5' +' ,'+'
:# .#0+' %$ 6'#+$ +00 4' $' ;0' .#0%$0# $,%-' $,%$'
6' $,0' #%!!8' $%*.,$' ;*$-070#8' $0%2,0# 6' %
:#'4%#8' #%!' 2!%+' 3- 1' $,%$' ,0# :*:'!' %#0'
%;!0' $ ' $%30' 6# 4' $,0' !':' +2 #0+' 6' '50%+' 4 #0'
$,%-' $,08' 2%-' +:0%3' ,0' #0%!' $0+$' 6' $,0'
40$, 5' +, *!5' ;0' %::!'05' %$' $,0' 0-5' - $' $,0'
;0.'--'-.' 6' $,0' 2 *#+0' -' !0%7'-.'+2, !' $,0'
#%!!8' $%*.,$',%70' 2 70#05' %+' 4*2,'.# *-5' %+'
$,0' 4%-*%!!8' $%*.,$' %-5' $,0#0' '+' $,0' %5505'
%57%-$%.0' $,%$' $,0'# 40%-+' 6' 2 4 4*-'2%$' -'
'+' *-50#+$ 5' ;8' $,0' :*;!'2' %$' !%#.0
,0' 4 +$' $, # *.,' 0E:0#'40-$%$' -' 1'$,'
$,0' 7%#' *+' 40$, 5+' *+05' '-' $,0' '-+$#*2$' -'
6' $,0' 50%6' 1%+' 4%50' %$' $,0' 0--+8!7%-'%' -9
+$'$*$' -' 6 #' $,0' 0%6' %-5' *4;'%$' ,'!%50!9
:,'%' ;0$100-' $,0' 80%#+' >)LK' %-5' >PKP' $'
6'#+$' %+' '-' %!!' $,0' !50# 40#'2%-' +2, !+' $,0'
40$, 5' 1%+' 4%-*%!''-+$#*2$' -' ;0'-.'.'70-';8'
+'.-+' +:0!!'-.' %-5' 1#'$'-.' #$'2*!%$' -' 1%+'
'-$# 5*205' 6'#+$ %+' %-'%22 4:!'+, 40-$' 6 #$, +0'
1,' 10#0'$, *.,$' $' ;0' %;!0' $ ' :# 6'$' ;8' $' %
601' 4 40-$+' % 5%8' ;0'-.'.'70-' $ ' $,0' *+0' 6'
$,0' 7 2%!' #.%-+' %$0#' 2!%++0+' 10#0' $%*.,$'
#%!!8' ;*$' $,0' :*:'!+' 10#0' %!! 105' $ ' 4'-.!0'
6#00!8' 1'$,' $,0' 4%-*%!!8' $%*.,$' *$' 6' +2, !

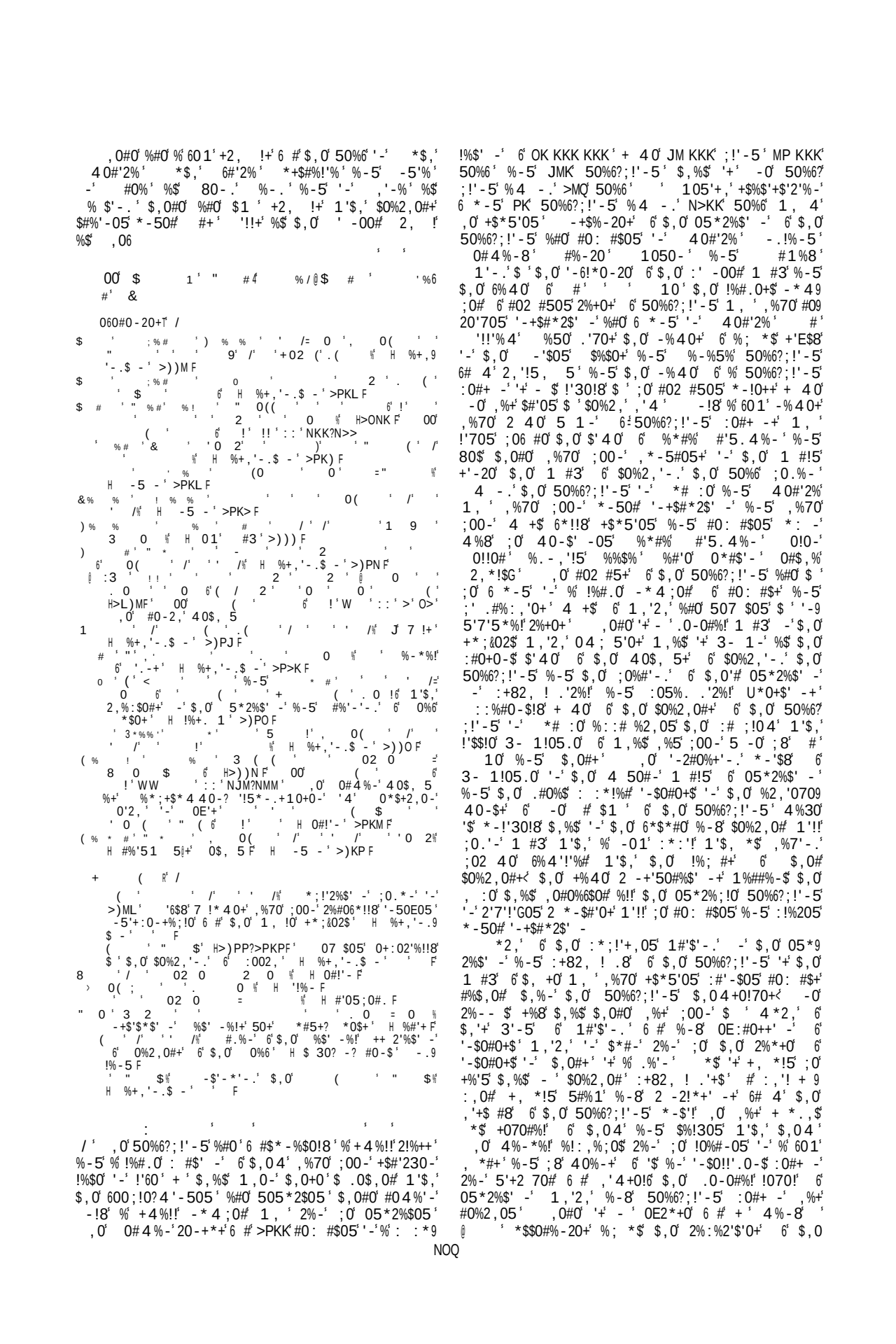
0E$' %-' #%!' ;#%-2,' %$' + 40' 5'+$%-20' 6# 4' $,0'
4%'-' ;*'!5'-.' 1%+' 0+$%;!'+,05' 1,0#0' :*#0'
#%!' $0%2,'-.' 1%+' .'70-' 1'$,' %-' #%!' 0-7'# -9
40-$' *$' 6' $,0' +2, !# 4' -0' ;8' -0' $,0'
7%#' *+' 2 4;'-%$' -+' 10#0'%;%-5 -05' *-$'!' '-'
>)PN' '$' 1%+' 502'505' $,%$' 070#8' -01':*:'!'+, *!5'
;0' :!%205' *-50# #%!''-+$#*2$' -' 6# 4' $,%$' 80%#
-1%#5' $,0' #%!' 50:%#$40-$' +$0%5'!8' .#01' '-'
+'G0' %-5' 1'$,' $,0' .#%5*%$' -' 6' +*220++'70'
2!%++0+' $,0' 4%-*%!' 50:%#$40-$' .#01' +4%!!0#
%-5' +4%!!0#' *-$'!' '-' (*-0' >PKP' $,0' -+$'$*$' -'
;02%40' :*#0!8' #%!' ,0+0' 0E:0#'40-$+' 2%#09
6*!!8' +! 1!8' %-5' 2 -+2'0-$' *+!8' 2%##'05' *$'
.'70' #' ' ' ' # *$0#' $,0' *:0#'-$0-59
0-$'%'#'.,$'$' +:0%3' 1'$,' %*$, #'$8' -' $,0'+*;9
&02$' 0' ;0.%-' $,0' 0E:0#'40-$+' 1'$,' - ' :#09
2 -20'705' '50%+' '-' 6%7 #' 6' #%!'+4' '-' 6%2$'
$10-$8' 80%#+' 6' 4%-*%!' $0%2,'-.' ;06 #0' ,0'
;02%40' *:0#'-$0-50-$' ,%5''6'%-8$,'-.';'%+05'
,'+' 4'-5' '-' 6%7 #' 6'$,0' 4%-*%!' 40$, 5' ,0'
#%!' 40$, 5' 1 -' -' '$+' 40#'$+' +' % #0+*!$' 6'
$,0+0' 0E:0#'40-$+' 4 +$' +2, !+' 6 #$,0' 50%6' '-'
40#'2%' - 1' :!%20' %!!' ;0.'--'-.' :*:'!+' '-' #%!'
2!%++0+' *-$'!' '$' '+' 502'505' $,%$' $,08' 2%-- $'
:# 6'$' ;8' +*2,''-+$#*2$' -' 1,0-'$,08' %#0' $#%-+9
60##05'$' 4%-*%!' 2!%++0+' (*+$' 1,%$' 2 -+$'$*$0+'
+*220++' '+' - $' +$%-5%#5'G05' 40' 2!%'4' $,%$'
%-8' +:002,' 070-' 70#8' : #' +:002,' '+' ;0$$0#'
$,%-' - ' +:002,' %-5' $,%$' $,0' 6#'0-5+' %-5' 5%'!8'
%++ 2'%$0+' 1'!!' *-50#+$%-5' 070-' '6' '$' ;0' *-'-$0!!'9
.';!0' $ ' %' +$#%-.0#' $,0#+' +00 4' $ ' $,'-3' $,%$'
-!0+' %' ::'!' 2%-' +:0%3' 2!0%#!8' %-5' 5'+$'-2$!8'
,0' *.,$-' $' $ ' ;0' 0-2 *#%.05' $ ' *+0' ,'+' 7 '20
,0' !5' 4%-*%!' +2, !+' 5'5' - $' %54' $' :*:'!+'
*-$'!' $,08' 10#0' 0'.,$' # $0-' 80%#+' 6' %.0' %-5' '-'
+'E' 80%#+' .%70' $,04' +*2,' %3- 1!05.0' 6' -.!'+,'
$,%$' - $' % 601' 10#0' %;!0' $ ' 6'!!' #0+: -+';!0' :9
+'$' -+' 54*-5' $,' 1%+' $,0' 05'$ # 6' $,0'
' H 1%F 0 9)' (;' *#-0# 1%+' %
4'++' -%#8?%$?!%#.0' 6' $,0' # $0+$%-$' :'+2 :%!'
,*#2,' (,-' %#!'-' 1%+' %:%'-$0# %-5': 0$'
,0+0' %#0' ;*$' % 601' 6' $,0' 5'+$'-.*'+,05' 50%6'
05*2%$05''-' $,0' 6'#+$',%!6' 6' $,0'-'-0$00-$,' 20-9
$*#8' , +0' 10#0' $,0' 5%8+' 1,0-' $,0' 2 4 4 -'
+2, !+' $*#-05' *$' .#0%$' 40-' %6$0#' % 601',#$
$0# 4+' '$,' $,0' '-2#0%+0' 6' $'40' '-' $,0' 2 49
4 -' +2, !+' $,0' +2, !+' 6 #' $,0' 50%6' %!+' .%70'
0',$'$0-' %-5'070-'$10!70'80%#+' $' $,0'# 2 *#+0+'
-' 01' #3' % 2,'!5' 0-$0#'-.' %$' 6'70' # +'E' ;8'
#04%'-'-.' *-$'!' ,0' '+' $10-$8? -0' 4%8' ,%70' %
6'6$00-' # +'E$00-' 80%# 2 *#+0' -' #0%$' #'$9
%'-' $,0' 2 *#+0' '+' +$'!!' +, #$' %+' %!!' 2,'!5#0-' -'
4%$$0#' %$' 1,%$' %.0' $,08' 0-$0#' %#0' ;!'.05' $ '
!0%70' 1,0-' #0%2,'-.' +'E$00-' 80%#+' ,0' '-9
$# 5*2$' -' 6' #$,0' '-3'-50#.%#$0-' '-' $,0' $0%2,'-.'
6' 70#8' 8 *-.' ,0%#'-.' 2,'!5#0-' ,%+' !05' $ ' $,0'
0+$%;!'+, 40-$' 6' +070#%!' '-6%-$' +2, !+' 6 #$,0'
50%6' ,0' :# 4 $0#+' 6' $,0+0' +2, !+' %#0' 6' $,0'
:'-' -' $,%$' '6' $,0' 50%6' ;%;8' '+' ,0!5' '-' $,0' %#4+'
%-5' $%!305' $ ' ,0' 1'!!' 600!' $,0' 2,0+$' 7';#%$' -+'
6' $,0' 4 $,0#' # $0%2,0#' ,'+' $ .0$,0#' 1'$,'
$,0' !':' 4 7040-$+' 1,'2,' ,0' '+' #0U*'#05' $ '
1%$2,'6 #4+' %+*;+$'$*$0' 6' #$,0'+ *-5' '4:#0+9
+' -+' $,%$' $,0' - #4%!' 2,'!5' '+' 2 -+$%-$!8' #020'79
'-.' *-2 -+2' *+!8' $,# *.,' $,0' 0%#' ,0+0

+0:%#%$0 2!%++0+ 6 # $,0 +04'?50%6 ,0+0 2!%++0+ 1'!! 6 2 *#+0 ;0 $%*.,$ #%!!8 -
#0%$ #'$%'-$,0+2, !:0#' 5'+6'E05;8!%1 $,02 4:*!+ #8%.0;0'-.+070-$'+'E$00-'1'$,
$1 :0#4'++'70 80%#+6# 4'6'70 $ +070- 8
$,02 :0#%$' - 6$,0 %$' -%!++ 2'%$' - 6
0%2,0#+ 6$,0 0%6%-5$,020-$#%! %#5 6
5*2%$' -$,0!%1'+0-6#205'%-5''-#020-$
80%#+$,0 %$$0-5%-20 ,%+ +, 1-% 4%#305'-9
2#0%+0 -$,0 -.!'+, +2, !+$,0 #0U*'#09
40-$+6 #$0%2,0#+%#0 6%# 4 #0'#.'5$,%-$,0
'-$,0 -'$05 $%$0+ 8$,0-01#0.*!%$' -+
6$,0 -.!'+, %#5 6 5*2%$' -$0%2,0#+'-
+2, !+6#$,050%6 1'!!;0#0U*'#05'$,!5;$,
% 70#-40-$!040-$%#8 0%2,0#+ 0#$'69
2%$0%-5%+:02'%!5':! 4%#0!%$'-.'$ 1 #3 1'$,
$,0 50%6 0%2,0#+%!#0%58 04:! 805 1'!!;0
#0$%'-05%+! -.%+$,08 5 066'20-$ 1 #3%-5
+%$'+68 '+ %&0+$8+ -+:02$ #' -2 $!%-5
%-5 #0!%-5 -#*!0+%#0%+80$!%'5'5 1- ,0
%$' -%!++ 2'%$' -6 0%2,0#+6$,0 0%6 6
1,'2, #' ('#8'+,%'#4%-'%-5 #'
55'+ -'+ '20? ,%'#4%-''-2!*50+'-'$+
404;0#+,':'$0%2,0#+6%!!+,%50+6 :'-' -+
$, !5+%2-60#0-20 070#8$1 80%#+ ,0
-60#0-20 6>PKL 1%+'-$0#-%$' -%!,0
#.%-6$,0 ++2'%$' -'+ (/
'/6:*;!'+,05';'?4 -$,!8 ,0 ++2'%9
$' -'+003+$'-6!*0-20:*;!'2 :'-' -''-'6%7 #
6$,050%6 #%50 $0%2,'-,1,'2,'6#4+ -0
6$,0'4: #$%-$50:%#$40-$+''-$,0 40#'2%-'
; %#5'-.'+2, !+''+%!4 +$*-3-1-''-#0%$
#'$%'-' 4%-*%!' $#%'-'-.' %-5 +! 85 ;0'-.'
$, *.,$+*66'2'0-$' 1 '#$,#00'+2, !+,%70'
, 1070#''-$# 5*205 #0%! $#%50 $0%2,'-.' -?
0#!08 H -5 -F !05'$,0 1%8'%-5 1%+6!! 105'
;8 %#.%$0' ,0:*:'!+:0-5',% '$,0 5%8''-'
+2, !%-5',%!6''-'$,0 1 #3+, :+' %-2,0+$0#
,%+#020-$!8 :0-05'%$#%50'+2, !6#;8+70#
+'E$00-'1, '1 #3'%$'$,0'# $#%50 %!! 5%8%-5 %$9
$0-5 070-'-.'2!%++0+' -'(%-'>P>K $,0#0 10#0
QN+2, !+6#$,050%6''- #0%$ #'$%'-'1'$,'
M OQJ:*:'!+%-5 MO)$0%2,0#+' 6$,0+2, !+
NO*+05$,0 #%!40$, 5%-5 >M$,02 4;'-05
40$, 5
#%-20'/', 0 ;;M 50!:MO 5'05'%$$,0
:0-'-.'6$,0 07 !*$'-'6>L)P'%-5$,0 ;;
'2%#5'1, ',%5 ;00-'+0-$6# 4' #50%*E'$'
+$*58'40$, 5+1'$,'%7'01'$'0+$%;!'+,'-.'%
+2, !''-'$,%$2'$8'1%+'%:: '-$05',+'++220++#'
-'(*!8'>LP>'$,0 ++04;!8'2 -70#$05'$,0+2, !'
'-$'$,0 %$' -%!' -+$'*$' -'6#$,0 0%6%-5'
*4;'%-5''-'>LPM'$'1%+4 705'$'$,0 04'9
-%#8'6 %'-$ %.!'+0''-' *0 %'-$ (%2U*0+'
1,0#0'$'+$'!!'#04%'-+' -'>)QP'$,0'+0E0+'10#0'
+0:%#%$05'$,0.'#!+';0'-.'+0-$ $' #50%*E'
-$'!>)LP'$,0 #0-2,'+2, !+6!! 105'$,0'
4%-*%!'40$, 5 6'50'!:M0' -'$,%$'80%#'$
1%+'502'505'$''-$# 5*20'$,0 #%!'40$, 5''-$'
$,0'+2, !' %$ #50%*E'%-5''-$,0'6!! 1'-.'
80%#'$'1%+'-$# 5*205'%$ %#'+' ,0 -.#0++'
%$ '!%-'H>))KF 2-6'#405'$,''+%2$'-'%-5'+ -'
%!!'$,0'+2, !+''-'$,0'2*-$#8'6!! 105'$,0 0E9
%4:!0' +0$;8'$,0'$1 :#'-2':%!'-%$' -%!''-9
+$'$*$' -+' -'$,0 %#'+''-+$'$*$' -'; 8+'%#0
$%30-'%$'$,0%.0 6'+'E''-'%'+:02'%!'('=
/ ,0'#0.*!%#+2, !2*#+0'5 0+-$
;0.'-'*-$'!'$,08'%#0'-'-0' ,0'+2, !':0#' 5'+
+%!!8'0'.,$ 80%#+'%-5'%!!' 4*+$'!0%70'%$
$10-$8?-0' ,0#0'%#0'%$':#0+0-$'-0%#!8'$1'
,*-5#05'+070-$8?6'70':*:'!+' -'%8'>PKL'
$,0#0'10#0''-' #%-20'+'E$8?6'70'+2, !+6#$,0'
50%6'1'$,'%-'%$$0-5%-20'6J)PM' *#6'
$,0+0'10#0'-%$'-%!''-+$'$*$'-+'$,0'$,0#+'
:#'7%$0' ,'#$8'10#0'4'E05'+2, !+'1'$,'$,0'
; 8+'%-5'.'#!+'%!1%8+''-'+0:%#%$0'2!%++0+'+'E9
$00-'10#0'6#; 8+'-!8'%-5'-'-0$00-'6#.'#!+
0#4%-8'/'44%-'1%+'$,0'#0%!'6*-50#'6
$,0 0#4%-'40$, 5' 0'-'230'507'+05'-'
-01'40$, 5',0'40#0!8'6!! 105'$,0'-0'$,%$
44%-',%5':#%2$'205'+'+*220++6*!!8' 0'?
-'230', 1070#'50+0#70+'2#05'$'6#60%#!0++!8'-9
+'+$'-.'-'$,0'$0%2,'-.' 6'+:002,'%-5'$0%2,'-.'
;8'+:002,', 0'.#0%$0+$'6%!'0#4%-'05*9
2%$#+'6'$,0'50%6'1%+'#'05#'2,' #'$'G'!!'
H>)KQ?>)LMF 6'$,0'+2, !%$' 0'++0-60!+'
#*++'%-'%E-8' ,0'308- $0'6',''+40$, 5'
1%+'$,0'5070! :40-$'6'+:002,''-'$,0'50%62,'!5'
'-'$,0'+%40'1%8'$,%$'-%$*#0'5070! :+'$'-'$,0'
,0%#'-.'2,'!5' ,'!0'2-504-'-.'2-70-$'-%!'
+'.-+' !$%!! 105'$,0'*+0'6'-%$*#%!'+'.-+''-'$,0'
! 10+$'2!%++0+'.#%5*%!!8'+*;+$'$*$'-.'+:30-'
!%-.*%.0'6#$,04'$,0'*+0'6'+'.-+';0'-.'%
,'-5#%-20'#%$,0#$,%-'%.%'-'-'$,0'%2U*'#'-.'
6'+:002,'%-5'!':'#0%5'-.' -'$,0' 0#4%-'
+2, !+'6'$?5%8'#%!'!%-.*%.0'%-5'!':'#0%5'-.'
%#0'$,0'2,'0 6 ;&02$+'6'-+$#*2$'-'6#4'$,0'
;0.'--'-.'6'$,0'2*#+0' ,0'1#'$$0-'6#4'+'
%5505'1,0-'-00505'-'$,0'4'55!0'+$%.0+$,0'
1#3'2!+0!8'#0+04;!0+'$,%$'-'$,0'#5'-%#8'
+2, !+'6#$,0,0%#'-.'%-5''-'$,0'*:'0#.#%50+'
'$5 0+-$'5'6%0#6#4'$'%$%!!' ,0'0 10#0'-'
>PKP H+00 " 9›' 2 0 = '
'0 (6>PKP)P'+2, !+''-' 0#4%-8'1'$,'
L NNO':*:'!+%-5')NP'$0%2,0#+
-'4+$'6'$,0'2*-$#'0+' -$'-0-$%!'
#:0'$,0'#%!'40$, 5''+2,'06!8'+05

I

# *	N K % * X 4	+ :	H	$'%!1%8+'#0:	*	#$05F
*+$#'%? *-.%#8	J)	NLL	NJJP	+$!8'	#%!'	'70'2 49
				.'-05		
0!.'*4'	>N	>)>	>NOQ	#%!		
0-4%#3'	Q	QL	JM)	#%!'	00 $0E$	
$%!8'	ML	NJM	NQ>P	#%!'	'-0'#0: #$'$,0'	
				%-*%!'	!:,%;0$'	-'
				%55'$'-		
,0' 0$,0#!%-5+	J	LM	MLJ	#%!		
#1%8'	Q	QM	JKP	'4'!%#'$'	0-4%#3	
#$*.%!'	N	P	KM	-0'#%!'	-0'4'E05	
*++'%	JM	>>)	>L>P	10-$8'	#%!'	$,0#+'
				4'4'2'	4%-*%!'	%!:,%9
				;0$'0$2		
:%'-	>>	OK	MON	,#00	#%!'	70-4'E05
1050-'	P	>NM	LNK	'4'!%#'$'	0-4%#3	
1'$GO#!%-5'	>M	)M	OQK	#%!		

* ,0+0',.*#0+'%#0'6# 4'#0: #$+'4%50'$'$,0' !$%' *#0%*#
>PK>



50%6?;!'-5' %+' $,0' !0%#-05' ,%70' '-' $,0' :%+$' +0-$' 6 #$,' 1'$,' %!' $,0' %'# 6' 2 -7'2$' -' %-5' %*$, #9 '$8' -5' $,0' +$%$040-$+' 6' 10!!?40%-'-.' %4%$0*#+' %#0' 0U*%!!8' 4'+!0%5'-.' +*2,' +$%$09 40-$+'6 # '-+$%-20' %+' $,%$' R - -0' 6' $,0' 4%-8' +*220++6*!' $0%2,0#+' 6' $,0' ;!'-5?50%6 070# ,%5' %-8' 0E:0#'0-20' '-' $,0' 1 #3 S' %-5' $,%$' R %-8' . 5' $0%2,0#' '-' *# 2 4 4 -' +2, !+' :%#$'2*9 !%#!8' '-' 3'-50#.%#$0-' 1 #3' '+' 6*!!8' U*%!'6'05' $ ' $0%2,' %' ;!'-5?50%6 :*:'!' %6$0#' +,0' !0%#-+' $,0' 4%-*%!' %!:,%;0$ S' ,0#0' '+' 70#8' 4*2,' 4 #0' $ ' !0%#-' $,%-' $,%$' %-5' $,0#0' +004'-' $ $' ;0' R 4%-8S' 1,' ',%70' !0%#-05' '$' *2,' 0!+0' ,%+' ;00-' 1#'$$0-' %; *$' $,0' 50%6?;!'-5' 1,'2,' $0-5+' $ ' ;+2*#0' $,0' !0++ -+' $,%$' %#0' $ ' ;0' !0%#-05' 6# 4'1,%$',%+' ;00-'5 -0'%-$'+' $0-5+' $ ' #0$%#5' #%$,0#' $,%-' %57%-20' $,0' 1 #3' 6 #' $,0' 50%6?;!'-5' %-5' 6 #' $,0' 50%6' ,0' -%$*#%!' .0-0# +'$8' 6' $,0' ,*4%-' ,0%#$' 4%30+' '$' .!%5' $ ' %220:$' 0E%..0#%$05' +$%$040-$+' %; *$' $,0' +*220++' 6' 2,'!5#0-' 1,' %#0' 5 *;!8' ,%-5'9 2%:'05' %-5' -!8' ;8' $,0' 4 +$' 2%#06*!' %-%!8+'+' 6' $,0' 6%2$+' %-5' :#'-2':!0+' '-7 !705' 2%-' 10' *-50#+$%-5' $,'+' +4%!!' 2 40#' 6' $,0' .#0%$' 1 #!5' 6' 05*2%$' -' % 2 #-0#' 1,'2,' ,!5+' 4*2,' 6' 0-2 *#%.040-$' %-5' 0-!'.,$0-40-$' 6 #' %!!' $0%2,0#+

#' 10' U* $0+' 6# 4' !%23+$ -0+' # ' $,0' 6 !! 1'-.' !%1' R' ' 4%-' '+' -' $' %-' '5' $' '6' ,0' ,%$,' %-8' .!'4 40#'-.+' 6' #0%+ -' + ' $,%$',0' 2%-' $0!!' ,'+' :%#0-$+' ,'+' %.0' #' $,0' !'30' 4%$$0#+' *$' % 4%-' 1,' '+' ; #-' 50%6' 5*4;' %-5' ;!'-5' '+' ! 305' *: -' ;8' $,0' !%1' %+' '-' $,0' +%40' +$%$0' 1'$,' %-' '5' $' ,0' ;0'-.'+*: ? : +05' '-2%:%;!0' 6' %-8' *-50#+$%-5'-.' %+' 1%-$9 '-.' %!!' $, +0' +0-+0+' 1,'2,' 6*#-'+,' $,0' ,*4%-' 4'-5' 1'$,' '50%+ S' # 4' '5' 28' $' 0!0-' 0!!0#+' %#$'2!0' -' $,0' !'-5' '-' $,'+' 1 #3' 4<% %# 1,%$' % 6!'.,$' 6' $,0' ,*4%-' +:'#'$8' 509 :%#$40-$' 6' ,*4%-' 0-50%7 # $,%$' '+' %%602$05' ;8' $,0' 05*2%$' -' 6' $,0' 4'-5' 6' % 2,'!5' / '%-5' '+' $,0#0' %-8' 50:%#$40-$' - $' %%602$05c' / '2%-' ;0' U*'$0' %+' '$' 1%+' ;06 #0' #' 10' .%70' %*#%' #'5.4%-' ,0#' 6'#+$' !0++ -+' %*#%' +%$' ;0+'50' ,'4' ,0#' 6'-.0#+' -' % 308' %+$05' -' $,0' 308' '-' #%'+05' $8:0' 10#0' $,0' !0$$0#+' 3?0?8' -' %- $,0#' +!':' $,0' !0$$0#+' 10#0' #0:0%$05' 3?0?8' ,0' 60!$' $,0' 308' %-5' $,0' #%'+05' !0$$0#+' -' $,0' $1' +!':+' :0#20'705' $,0' +'4'!%#'$8' %-5' '-9 07'$%;!8' %6$0#' 4%-8' $#'%!+' $,0#0' 1%+' 6 #405' '-' ,0#' 4'-5' %-' %++ 2'%$' -' ;0$100-' $,0' $1' +0$+' $ $ *2,' +0-+%$' -+' $,0' +,%:0' 6' $,0' $,'-.' ,0' %++ 92'%$' -' 1%+' :#02'+0!8' $,0' +%40' $,%$' 6 #4%' '-' $,0' 4'-5' 6' $,0' - #4%!' 2,'!5' ;0$100-' $,0' +0-9 +%$' -' 6' $ *2,'-.' %-5' +00'-.' $,0' 308' %-5',0%#9 '-.' %$' $,0' +%40' $'40' $,0' 1 #5' ?' 308 S' -' 4%-8' !0++ -+' $,0#0' 10#0' 6 #405' '-' %*#%' #'5.4%-' 4'-5' %++ 2'%$' ;0$100-' $,0' .# *:+' 6' #%'+05' !0$$0#+' %-5' 2 ##0+: -5'-.' ;&02$+' ,0' 6'#+$' '4: #$%-$' 2,%-.0' '-' $,0' :,8+'2%!' 40%-+' 6' '-+$#*2$' -' 1%+' $,0' +*;+$'9 $*$' -' 6' $,0' 4%-*%!' %!:,%;0$' 2 4 4 -!8' '-' *+0' %4 -.' $,0' 50%6' '-' :!%20' 6' $,0' :#'-$05' !%;0!+' 0#0' %.%'-' $,0' 1 #3' 6' $,0' $0%2,0#

1%+' $ ' :#0+0-$' $ ' %*#%' %-' ;&02$' ;%!!' ; 3' #' 4*.' %-5' %$' $,0' +%40' $'40' $ ' 6 #4' $,0' 4%-*%!' !0$$0#+' $,%$' +:0!!05' $,0' -%40' 6' $,0' ;&02$+' 1'$,' $,0' :*:'!'+',%-5'*: -' $,0' $0%2,0#+' ,0+0' 4%-*%!' !0$$0#+' 5'5' - $' ;0' '$' *-50#+$ 5' 0-$0#' $,0' 2,'!5+' 2 -+2' *+-0++' <0' !0$$0#+' ;*$' %+' 4 7040-$+' 6' $,0' ,%-5' $,0' +%40' 4 709 40-$+' 10#0' '-7%#'%;!8' %++ 2'%$05' 1'$,' $,0' +%40' ;&02$+' 0%2,' 2 !! 2%$' -' 6' $,0' 6'-.0#' 4 $' -+' #0:0%$05!8' 6 #' 4%-8' 1003+' %-5' 4 -$,+' %02 4?' :%-8'-.' '$+' ;&02$' *-$'!' $,0' %++ 2'%$' -' 1%+' 6'#4!8' 4%50' %-5' *-$'!' $,0' 2,'!5'.#01' $' 0E:02$' $,%$' %-8' -01!8'0-2 *-$0#05' ;&02$' #%2$+, *!5' ,%70' '$+' %::# :#'%$0' 6'-.0#' 1= #5' ,0' 40%-+' 6' 05*2%$'-.' $,0' 50%6?;!'-5' ,%5' ;00-' 6 *-5 0' -0E$' '4: #$%-$' +$0:' 6 #1%#5' 1%+' 4%50' '-' $,0' 6'#+$' !0++ -' .'70-' $' !'70#' %+10!!' ;8' #+' %#8' 1'6$' %4+ -' -' %22 *-$' 6' $,'+' !0++ -' '+' $' ;0' 6 *-5' '-' %-' %:0-5'E' 6' #+' %4+ -+' / ' /' 0 ' 8 %' ,0' ;0.%-' '4 405'%$0!8' 1'$,' $,0' 4%-*%!' %!:,%;0$' %-5' '-',%!6' %-' ,*#+,0' .%70' !'70#' %+10!!' $,0' -$' -' $,%$' %!!' $,'-.+',%70' -%40+' / ' %' 2 -9 20:$' -' $,%$' '$' ,%5' $%30-' %*#%' #'5.4%-' -0%#!8' $,#00' 4 -$,+' $ ' %##'70' %$' ,%$' %:0-5'E' 4%8' ;0' #0.%#505' %+' $,0' 4 +$' %59 7%-205' +$%$040-$' 6' 40$, 5' $,%$' ,%5' ;00-' 1#'$$0-' %$' $,%$' 5%$0' >)LP' -' $,0' 6 !! 1'-.' 2#'$'2'+4+':0#+ -%!' 2#05'$' '+' 6' !'$$!0' '4: #$%-20' $,0' '-$0-$' -' '+' $ ' 0E:!%'-' 1,%$' ,%:0-05' '-' -0' 2%+0'%-5' %- $,0#'6 #' $,0' .*'5%-20' 6' 6*$*#0' $0%2,0#+' '$,' $,'+' 0-5' '-' 7'01' 4*2,' 6' 1,%$' 6 !! 1+' ,%+' ;00-' $,# 1-' '-$' $,0' 6 #4' 6' '-&*-2$' -+' %-5' 2#'$'2'+4+' %55#0++05' $' %-' '4%.'-%#8' $0%2,0#' %$' 1 #3' 1'$,' % 50%6?;!'-5' 2,'!5

06 #0' 6 !! 1'-.' $,0' 5070! :040-$' 6' $,0' 40$, 5' 6' %::!8'-.' $,0' 4%-*%!' %!:,%;0$' '-' $0%2,'-.' $,0' 50%6?;!'-5' '$' +, *!5' ;0' #02 #505' $,%$' '-' $,0' 05*2%$' -' 6' %.-,'!5' %%$%' ;0.*-' '-' #1%8' '-' >)))' ;8' #' !'%+' 67' .%%#5' $,0' 4%-*%!' %!:,%;0$' 1%+' -' $' *+05' $,0' 6'#+$' !0++ -+' 10#0' .'70-' ;8' :!%2'-.' $,0',%-5' 6' $,0' :*:'!' -' $,0' !':+' 6' $,0' '-+$#*2$' #' -' $,'+' 2%+0' $,0' :#'-2':!0' 6' %++ 2'%$' -' ;0$100-' 20#$%'-' 4 7040-$+' 6' $,0' #.%-+' 6' +:002,' %-5' $,0' ;&02$' #0:#0+0-$05' ;8' $,' +0' 4 709 40-$+' 1%+' :#02'+0!8' $,0' +%40' %+' ;0$100-' 4%-*%!' +:0!!'-.' %-5' $,0' ;&02$' #' '-' $,0' 2%+0' 6' $,0' -#4%!'2,'!5' ;0$100-' $,0' ;&02$' %-5' $,0' + *-5' 6' $,0' +:30-' 1 #5' +$#'3'-.' $,0' 0%#' ,0' 5'660#0-20' ;0$100-' #' 6.%%#5' 1 #3' %-5' $,%$' 6' 4 +$' $,0#' $0%2,0#+' 6' $,0' 50%6?;!'-5' '+' -0' 6' '-+$#*40-$' -' $' 6' :#'-2':!0' ,0' 4%-*%!' %!:,%;0$' '+' %:#060#%;!0' '-+$#*40-$' #0U*'#'-.' !0++' +$#%'-' -' $,0' :%#$' 6' $,0' :*:'!' $,0' !%#.0' !0$$0#+' 6 #405' ;8' $,0' ,%-5' ;0'-.' 4 #0' ; !5!8' 5'660#0-$'%$05' $,%-' $,0' 6'-0#' 4 709 40-$+' 6' $'#0' !':+' 40' 6' $,0' 50%6?;!'-5' 2%-' !0%#-' $ ' +:0%3' %-5' #0%5' $,0' !':+' ;*$' $,'+' %2U*'#040-$' +, *!5' 6 !! 1' $,0' %2U*'#040-$' 6' !%-.*%.0

'$,' $,0' 50%6?;!'-5' %+' 1'$,' $,0' 50%6' $,0' 4%'-' :# ;!04' '+' $,0' $0%2,'-.' 6' !%-.*%.0' , 070#' ,%+' 2 4 4%-5' 6' %' !'7'-.' !%-.*%.0' '+

05*2%$05 $,0# 3- 1!05.0 6 !! 1 !%-.*%.0 # '4 :!'2'$ '- '$ 0%6-0++ %-5 ;!'-5-0++ 5%4 *:'$1 '+$#0%4+ 6 +$'4*!" 6# 4'%1 #!5 6 ;&02$+ ;*$ / 1 #+0 ! ++ $ $,0 ;#%'- / 50%6? -0++ 2! +0+ $,0 2,%--0!+ 6 +:002, :002, $,%$ 2%##'0+ $ $,0 - #4%! 2,'!5 $,0 70#8 +$*66 6 05*2%$' - ,# *.,$,0 6'-.0#+ 6 $,0 50%6? ;!'-5 '$ '+ : ++';!0 $ 5'#02$ $1 70,'2!0+ 6 !%-.*%.0 $,0 4%-*%! 1 #5 %-5 $,0 :#'-$05 1 #5 ,'+ :#'-$05 1 #5 1'!! ;0 $,0 04; ++05 $8:0 *+05 ;8 $,0 ;!'-5 %-5 '$ +, *!5 ;0 $%*.,$ %+ -+ %+: ++';!0 %6$0# $,0 4%-*%! 1 #5 ,%+ .'70-'$,0 :*:'! ,'+ 6'#+$ 2! 1+ $!%-.*%.0 ,0 +3'!!6*! $0%2,0# 2%-2 4;'-0 4%-*%! 2 -70#+%9 $' -' 1'$,$,0 .%40 6 ,*-$'-.' 1 #5+ -' $,0 04; ++05 :%.0 %-5 ;8 0E2'$'-.' $,0 2*#' +'$8 6 $,0 :*:'! 2 %E ,'4 $ 6 !! 1 % +$ #8 '-' :#'-$ #4%! #0%5'-.' !0++ -+ +, *!5 ;0 .*%#505 %.%'-+$' ! +$ $,0 2,'!5 2 -20'70 % 5'+9 $%+$0 6 #,'+ ; 3 6 % 5 .' *$ '-' $,0 8%#5 ,%+''-$0#0+$05 $,0 2,'!5 '$1'!! - $#0U*'#0 .#0%$ 2!070#-0++ -' $,0 :%#$ 6 $,0 $0%2,0# $ $#%20 $,0 5 .'-$ $,0 :%.0+ 6 % ; 3 %-5 300:' $,0 2,'!5' -' 0E2'$05' :*#+*'$ 0%5'-.' '+ 6 $,0 *$4 +$ '4: #$%-20 '-' +*::!8'-.' -01 1 #5+ %-5 -01 '-$0#0+$+ ,0 0++0-$'%!' 4'-5 6 $,0 50%6?;!'-5 2,'!5 '+ - $ 5'660#0-$ 6# 4 $,0 - #4%!< '$,%+ $,0 +%40 '-+$'-2$+ %-5 '4:*!+0+ $,0 +%40 50+'#0+ 2 44*-'2%$05 6# 4 %-' %::0$'$'70 ; 58 %-5 $,0 +%40 : 10# $ '-70-$ '4%.'-0 #02 4;'-0 %-5 #06!02$ -' 1,%$ '$ #020'70+ ,0 +$*58 6 $,0 4'-5 ,05.05 '-' ;8 50602$'70 +0-+0+ '+ % +*;&02$ 1,'2,' $,0 :+82, !.'+$+, *!5 +8+9 $04%$'G0< %. 5 ; 3 -' $,0 +*;&02$ 1 *!5 ;0 6 *$4 +$ 7%!*0 $ $,0 $0%2,0# $0- *.,' 04:,%+'+ ,%+ ;00-' :*$ -' $,0 +0-+0 6 $ *2,' 1,'2,' '+ $,0 .#0%$ +0-+0 ,0 1, !0 +3'-' +00+ %-5 !'+$0-+' %-5 - $ -!8 $,0 +3'-' ;*$ $,0 0-$'#0 ; 58 ; -0+ %-5 4*+2!0+ +82, !.'2%!!8 %-5 %+ % 4%$$0# 6 ;' !.'2%!' ,'+$ #8 ,0%#'-.' %-5 +'.,$ %#0 -!8 +:02'%!'G%$' -+ 6 $,0 +0-+0 6 $ *2,' %-5 %+ $,0 :%#0-$ 6 $,0+0 +0-+0+ '$,%+ 4%-8 2%:%2'$'0+ 1,'2,' '-' - #4%!' :0 :!0' -'$,0 2%+0 6 8 *-.' - #4%!' :*:'!+' %-5 $ ' + 40 0E$0-$ '-' $,0 2%+0 6 8 *-.' - #4%!' :*:'!+' 5'+2':!'-0 %-5 5*$8 2%-' ;0 +*44 -05 $ ' 6 #20 %$$0-$' -' $ ' % 5*!! $0%2,0# -' $,0 2%+0 6 % 50%6?;!'-5 2,'!5 $,0# 0 '+ ' 4 #%!' +0-+0 $ '2 *-$ - ' ,0 4 #%!' +0-+0 '+ %-' %5*!$ %2U*'#040-$ $,%$ 6 !9 ! 1+ % 3- 1!05.0 6 !%-.*%.0 $ '+ %!4 +$:%$,0$'2 $ '#0%5'-' $,0 #02 #5+' 6 %*#% #'5.9 4%-' %-5 %#'0 0*#$'-' 6 $,0 :#04%$*#0 066 #$+' 6 $,0 $0%2,0#+' $ ' 5'+2 70# # 5070! :' % 4 #%!' +0-+0 %-5 % #0!'.' *+' 6%'$,''-' 4'-5+' $,%$,%5' ,%#5!8' 0- *.,' 7 2%;*!%#8' $ ' 4%30' 3- 1-' +'4:!0' 4%$0#'%!' 6%2$+' %-5' 50+'#0+' *# 7'01+' 6 4 #%!'$8' %-5' 50'$8' %#0' - ' 4 #0' 2 4:#0,0-9 +';!0' $,%-' %+$# - 48' $ ' % 50%6?;!'-5' 2,'!5' 1, ' ,%+ - $ 80$. $, !5' 6 % +'4:!0' 7 2%;*!%#8' %-5' $,0' 2 44 -' 6%2$+' 6 !'60' %; *$, '4 -' $,0 6'#+$ +$%.0+' '$' '+, '+ 40%-'-.+', '+ 50+'#0+' $,%$ 10' %#0' +003'-.' $:0-' %-5' 2!%#'68 ,0-' % 50%6 2,'!5' '-$0##*:$+' % !0++ -' 1'$,' + 40$,'-.', 0'+ 0%.0#$ ' $0!!' $,0' $0%2,0#+, *!5' $#8' $ .0$ %$,'+ '-$0-$' -' %-5' ;8' $,# 1'-.

'-ˢ % 1 #5ˢ ,0#0ᶠ %-5ˢ $,0#0ˢ$ ˢ ,0!:ˢ ,'4ˢ $ ˢ +0!6?
0E:#0++' -ˢ ˢ- $ˢ+$:ˢ$,0ᶠ6! 1ˢ 6ˢ,'+ˢ -%###%9
$'70ᶠ 1'$,ˢ ?ˢ *ˢ 4*+$ +%8ᶠ \ᶠ - $ˢ \ᶠ 40 J
'4:!8ˢ ,0!:ˢ ,'4ˢ $ ˢ +%8ᶠ ,'+ˢ $, *.,$ˢ %-5ˢ +ˢ
;*'!5ˢ,'+ˢ!%-.*%.0ˢ #%44%#'+ˢ 6'4: #$%-20ᶠ
-!8ˢ $ˢ .#%44%#'%-+ˢ %-5ˢ $,0ᶠ 5'66 0#0-20ᶠ ;09
$100-ˢ % :#0: +'$' -ˢ %-5ˢ %-ˢ %5&02$'70ᶠ '+ˢ 6ˢ -ˢ
2 -+0U*0-20ᶠ $ˢ $,0ᶠ 2,'!5ˢ ,0ᶠ 5'66 0#0-20+ˢ
0E'+$'-ˢ 1,%$ˢ,0ᶠ'+ˢ5 '-.ˢ;*$ˢ,0ᶠ2%-- $ˢ;0ᶠ2 -9
+2' *+ˢ 6ˢ$,04ˢ ˢ$,%$ˢ %!ᶠ 5'+2*++' -ˢ 6ˢR, 1ˢ
$ˢ$0%2,ˢ%5&02$'70+ˢS'%-5ˢR, 1ˢ$ˢ$0%2,ˢ70#;+ˢS'
'+ˢ 1%+$05ˢ;#0%$,ˢ ˢ ,0ᶠ2,'!5ˢ !0%#-+ˢ - *-+ˢ 6'#+$ˢ
;02%*+0ᶠ $,08ᶠ -%40ᶠ ,'+ˢ 2#*50+$ $%2$'!0ᶠ 0E:0#'9
0-20+ˢ ;*$ˢ ,0ᶠ !0%#-+ˢ %!ᶠ :%#$+ˢ 6ˢ +:002,ˢ '-ˢ
:#02'+0!8ˢ $,0ᶠ +%40ᶠ 1%8ˢ ;02%*+0ᶠ $,08ᶠ 0E:#0++ˢ
$,'-.+ˢ %-5ˢ #0!%$' -+ˢ 6ˢ 1,'2,ˢ,0ᶠ'+ˢ 2 -+2' *+ˢ
%$ˢ $,0ᶠ 4 40-$ˢ 1,0-ˢ$,0ᶠ 1 #5+ˢ %-5ˢ +0#'0+ˢ 6ˢ
1 #5+ˢ %#0ᶠ +:0!!05ˢ '-$ˢ ,'+ˢ ,%-5ˢ -0ᶠ #0%+ -ˢ
$,%$ˢ 50%6ˢ 2,'!5#0-ˢ5ˢ- $ˢ !0%#-ˢ!%-.*%.0ᶠ;0$$0#
'+ˢ $,%$ˢ $,08ᶠ %#0ᶠ - $ˢ %!! 105ˢ $ˢ *+0ᶠ '4:0#602$
!%-.*%.0ᶠ 6#00!8ˢ ,0ᶠ'-+$'-2$ˢ $ˢ *+0ᶠ!%-.*%.0ᶠ
6 # $,0ᶠ :*#: +0ᶠ 6 # 1,'2,'$ˢ 0E'+$+ / $ˢ 2 49
4*-'2%$0ᶠ / ˢ'+ˢ 2,02305ˢ ;8ˢ $,0ᶠ G0%!ᶠ 6ˢ $,0ᶠ
$0%2,0#ˢ $ˢ '4:# 70ᶠ .#%44%# #ˢ'5' 4ˢ 0%5ˢ
$,0ᶠ 2,'!5‖+ˢ '5' 4+ˢ ;*$ˢ 5ˢ - $ˢ 2 ##02$ˢ $,04ˢ
6ˢ $,0ᶠ $0%2,0# *+0+ˢ 2 ##02$ˢ %-5ˢ %;*-5%-$ˢ
!%-.*%.0ˢ $,0ᶠ 50%6ˢ 2,'!5ˢ 1'!ᶠ *+0ᶠ 2 ##02$ˢ !%-9
.*%.0ᶠ '-ˢ $'40ᶠ ;8ˢ '4'$%$' -ˢ ˢ - #4%!ᶠ 2,'!5ˢ
;# *.,$ˢ *:ˢ'-ˢ % 2*!$'7%$05ˢ '-$0!!'.0-$ˢ 6%4'!8ˢ
%-5ˢ+,0!$0#05ˢ 6# 4ˢ2 ##*:$'ˢ-.ˢ'-6!*0-20+ˢ2 *!5ˢ
- $ˢ'6ᶠ,0ᶠ $#'05ˢ *+0ᶠ 70#8ˢ;%5ˢ -.!'+,ˢ/ˢ*-!0+ˢ
,0ᶠ 10#0ᶠ 2!070# 0- *.,ˢ$ˢ'-70-$ˢ'$ˢ 6ˢ % 50%6ˢ
2,'!5ˢ '+ˢ R'2 ##02$05ˢS'ˢ'-ˢ$,0ᶠ%2$ˢ 6ˢ 0E:#0++' -ˢ
$,0ᶠ'-$0#0+$'-.ˢ6%2$ˢ 1,'2,ˢ,0ᶠ 1'+,0+ˢ$ˢ2 44*9
-'2%$0ᶠ '+ˢ 6 #. $$0-ˢ 0ᶠ '+ˢ 5'+2 *#%.05ˢ 1,0-ˢ
,0ᶠ 6'-5+ˢ+ˢ 4%-8ˢ 5'66'2*!$'0+ˢ %-5ˢ ,0ᶠ #0+ #$+ˢ
$ˢ+'.-+ˢ # :%-$ 4'40ˢ 0$ˢ $,0ᶠ $0%2,0# $%E
,0# 1'$+ˢ$ˢ.0$ˢ$,0ᶠ40%-'-.ˢ6# 4ˢ,'+ˢ+$*4;!'-.ˢ
1 #5+ˢ%-5ˢ - $ˢ;! 23ˢ,'4ˢ'-ˢ,'+ˢ'4:*!+0ᶠ$ˢ*+0ᶠ
1 #5+ˢ 40ᶠ 5%8ˢ+,0ᶠ 4%8ˢ;0ᶠ%;!0ᶠ$ˢ #070#$
$ˢ$,0ᶠ'-2'50-$ˢ 1,'2,ˢ,0ᶠ,%+ˢ'4:0#602$!8ˢ 0E9
:!%'-05ˢ%-5ˢ 4%30ᶠ%R!%-.*%.0ᶠ!0++ -Sˢ 6ˢ'$ˢ
$ˢ 1,'!0ᶠ$,0ᶠ2,'!5‖+ˢ'-$0#0+$ˢ'+ˢ, $ˢ: -ˢ,'+ˢ
-%##%$'70ˢ 6ˢ$,0ᶠ2 1ˢ,0ᶠ,%+ˢ +00-ˢ #ˢ 6ˢ, 1ˢ
,0ᶠ 2*$ˢ,'+ˢ 6'-.0#ˢ %-8ˢ 1 #5ˢ 6ˢ$,0ᶠ $0%2,0#
1,'2,ˢ 5'+$#%2$+ˢ,'4ˢ'+ˢ $ˢ;0ᶠ 50:! #05ˢ '+ˢ
1 #5+ˢ +, *!5ˢ +$%-5ˢ 6 # !'7'-.ˢ$, *.,$+ˢ -$
*#$, *.,$+ˢ -$ˢ; 3ˢ$, *.,$+ˢ;*$ˢ,'+ˢ
$, *.,$+ˢ ,0ᶠ :#%$$!0ᶠ 6ˢ$,0ᶠ -#4%!ᶠ '-6%-$
'+ˢ +: -$%-0 *+ˢ %-5ˢ, 1ˢ'4:0#' *+ˢ'+ˢ $,0ᶠ
50+'#0ᶠ $ˢ 0E:#0++ˢ $, *.,$+ˢ, 1ˢ #0%!!8ˢ 7%#'05ˢ
% 2,'!5‖+ˢ $, *.,$+ˢ %#0$ˢ 4%.'-0ˢ$,0ᶠ 06602$
'6% G0%! *+ˢ:%#0-$ˢ 10#0ᶠ 070# %$ˢ$,0ᶠ0!; 1ˢ 6ˢ
$,0ᶠ - #4%!ᶠ 2,'!5ˢ '-+'+$'-.ˢ$,%$ˢ$,0ᶠ!'$$!0ᶠ -0ᶠ
*+0ᶠ -!8ˢ 2 ##02$ˢ +0-$0-20+ˢ 6%+,' -05ˢ %22 #5'-.ˢ
$ˢ %5*!$ˢ !84:'%-ˢ +$%-5%#5+ˢ $ˢ'+ˢ,%#5ˢ$ˢ
3'!!ᶠ$,0ᶠ'-+$'-2$ˢ$ˢ$%!3ˢ;*$ˢ'$ˢ2%-ˢ;0ᶠ5 -0ᶠ/ˢ
'-ˢ+2, !+ˢ6#$,0ᶠ50%6ˢ/ˢ;8ˢ4%3'-.ˢ!%-.*%.0ᶠ
1 #3ˢ %-ˢ %;+$#%2$ˢ -ˢ 50$%2,05ˢ6# 4ˢ!'6ᶠ%-5ˢ
.# 1$,ˢ$ˢ;0ᶠ!%'5ˢ%+'50ˢ$,0ᶠ4 40-$ˢ$,0ᶠ:*:'!ᶠ
'+ˢ !0$ *$ˢ 6ˢ$,0ᶠ2!%++# 4ˢ%-5ˢ+ˢ'-07'$%;!8ˢ
%++ 2'%$05ˢ'-ˢ,'+ˢ 600!'-.ˢ1'$,ˢ+$#%'-ˢ 6ˢ 4'-5ˢ
%-5ˢ; 58
-ˢ$#8'-.ˢ$ˢ2 -708ˢ%-ˢ'50%ˢ$ˢ% 50%6?;!'-5ˢ
2,'!5ˢ'$'+ˢ 6$0-ˢ+*66'2'0-$ˢ$ˢ:!%20ˢ2 -$#%+$'-.
'50%+ˢ'-ˢ &*E$%: +'$' -ˢ$ˢ:*$ˢ% +4%!!ᶠ ;&02$ˢ
;0+'50ᶠ% !%#.0ᶠ -0ˢ% + 6$+*;+$%-20ᶠ;0+'50ᶠ%
,%#5ˢ -0ˢ -ˢ $,'+ˢ 1%8ˢ R'%5&02$'70+ˢS'ˢ %#0ᶠ
!0%#-05ᶠ 1'$,*$ 5'66'2*!$8ˢ -ˢ $,0ᶠ +%40ᶠ 1%8ˢ
%;+$#%2$ '50%+ˢ%#0ᶠ .#%+:05ᶠ%-5ˢ #0404;0#05ˢ'6
$,0ᶠ $0%2,0# +0'G0+ˢ $,0ᶠ#'.,$ˢ 4 40-$ˢ 40ᶠ
5%8ˢ+,0ᶠ 1'!!ᶠ 6'-5ˢ,0# :*:'!ᶠ'-ˢ% $04:0#ˢ +3ˢ
,'4ˢ U*'23!8ˢ 1,8ˢ,0ᶠ '+ˢ %-.#8ˢ 4'$%$0ᶠ,'+ˢ
;0,%7' #ˢ , 1ˢ,'4ˢ,'+ˢ +'+$0#ˢ:!%$'-.ˢ 1'$,ˢ
,0#5 !!ˢ ,0ᶠ '+ˢ - $ˢ%-.#8<+,0ᶠ '+ˢ. 5ˢ%-5ˢ
,%::8ˢ 0ᶠ 3-1+ˢ,'+ˢ 1-ˢ+$%$0ᶠ 6ˢ 4'-5ˢ %+ˢ
10!!ᶠ %+ˢ%-8; 58ˢ3-1+ˢ'$ˢ%-5ˢ,0ᶠ1'!!ᶠ!0%#-ˢ$,0ᶠ
1 #5+ˢ$,%$ˢ 0E:#0++ˢ '$ˢ ,0ᶠ2,'!5‖+ˢ 1-ˢ+0-+%9
$'-+ˢ%-5ˢ04$'-+ˢ+*::!8ˢ%!ᶠ$,0ᶠ 0E:!%-%$'-ˢ
$,%$ˢ '+ˢ -020++%#8ˢ ,0ᶠ 1 #5+ˢ+:0!!05ˢ '-ˢ$,0ᶠ
4%-*%!ᶠ %!:,%;0$ˢ $,0ᶠ $1'+$ˢ 6ˢ 6'-.0#+ˢ 1'!ᶠ
;02 40ᶠ%++ 2'%$05ˢ1'$,ˢ$,0ᶠ$,'-.ˢ1'$,ˢ$,0ᶠ6%2$<
,0ᶠ5 0+ˢ-$ˢ3-1ˢ%-5ˢ5 0+ˢ-$ˢ-005ˢ$ˢ3-1ˢ
$,%$ˢ $,0ˢ 4%-*%!ᶠ 1 #5ˢ '+ˢ %ˢ 2 4;'-%$'-ˢ 6ˢ
!0$$0#+'%-8ˢ 4 #0ᶠ $,%-ˢ$,0ᶠ - #4%!ᶠ $,#00?80%#?
!5ˢ 3-1+ˢ$,%$ˢ$,0ᶠ + *-5ˢR'4%5'ˢ'+ˢ%1 #5ˢ
%-ˢR'%5&02$'70ˢS'ˢ 6ˢ$,#00ᶠ!0$$0#+
#'.,$ˢ 50%6?;!'-5ˢ2,'!5#0-ˢ;06 #0ᶠ$,08ᶠ %#0ᶠ
$%*.,$ˢ%2U*'#0ᶠ 4%-8ˢ+'.-+ˢ;8ˢ 40%-+ˢ 6ˢ1,'2,ˢ
$,08ᶠ 6$0-ˢ 7%'-!8ˢ+$#'70ᶠ$ˢ 0E:#0++ˢ$,0'# ;9
+2*#0ᶠ;*$ˢ 7%#'05ˢ+0-+%$'-+ˢ 06 #0ᶠ$,0ᶠ$'40ᶠ
1,0-ˢ!%-.*%.0ᶠ;02 40+ˢ+02 -5ˢ-%$*#0ᶠ$,08ᶠ
%#0ᶠ 4%50ᶠ #0+$!0++ˢ;8ˢ$,1%#$05ˢ066 #$+ˢ$ˢ2 49
4*-'2%$0ˢ ,'+ˢ+, 1+ˢ$,%$ˢ$,0ᶠ1!!ˢ$ˢ+:0%3ˢ
'+ˢ'-ˢ$,0ᶠ-%$*#0ᶠ 6ˢ$,0ᶠ,*4%-ˢ;0'-.ˢ *$ˢ$,0ᶠ
'-+$#*40-$ˢ 6ˢ+:002,ˢ$,0ᶠ2'7'!'G05ˢ!%-.*%.0ˢ
'+ˢ% +! 1ˢ.# 1$,ˢ%-ˢ%#$'6'2'%!ᶠ'-+$#*40-$ˢ$,0ᶠ
+0ᶠ 6ˢ 1,'2,ˢ 4+$ˢ;0ᶠ%2U*'#05ˢ%-5ˢ%2U*'#05ˢ
:# :0#!8ˢ !'30ᶠ$,0ᶠ%#$ 6ˢ:!%8'-.ˢ$,0ᶠ7' !'-ˢ
#ˢ !0E%-50# #%,%4ˢ 0!ᶠ +%8+ˢ 6ˢ 0!0-ˢ
0!!0#‖+ˢR'1 -50#6*!ᶠ6%4'!'%#'$8ᶠ1'$,ˢ'5' 4%$'2ᶠ
-.!'+,S T R ,0ᶠ'+ˢ+*2,ˢ%-ˢ0E20:$' -%!ᶠ 2,'!5ˢ
$,%$ˢ 10ᶠ%#0ᶠ%:$ˢ$ˢ%$$#';*$0ᶠ070#8$,'-.ˢ$ˢ,0#
4%#70! *+ˢ 4'-5ˢ %-5ˢ 6 #.0$ˢ $,%$ˢ !%-.*%.0ᶠ
2 40+ˢ 6# 4ˢ 1'$, *$ˢ%-5ˢ - $ˢ 6# 4ˢ 1'$,'-ˢ
,0ᶠ2 *!5ˢ - $ˢ'-$*'$'70!8ˢ%##'70ᶠ%$ˢ%3- 1!05.0ᶠ
6ˢ'5' 4%$'2ᶠ -.!'+,ˢ 0E:#0++' -+ˢ $ˢ'+ˢ%;+ 9
!*$0!8ˢ 20#$%'-ˢ$,%$ˢ+*2,ˢ0E:#0++' -+ˢ 4*+$ˢ,%70ᶠ
;00-ˢ 0 ˢ ˢ ˢ ;06 #0ᶠ+,0ᶠ2 *!5ˢ*+0ᶠ$,04 Sˢ
#%-$'-.ˢ%!ᶠ 7%#'0$'0+ˢ 6ˢ 2%:%2'$8ᶠ '-ˢ ,*4%-ˢ
4'-5+ˢ$,0#0ᶠ 4*+$ˢ;0ᶠ'-5'+:0-+%;!0ᶠ#'.,$ˢ 1%8+ˢ
$ˢ $0%2,ˢ!%-.*%.0ᶠ$ˢ$,0ᶠ : #0+$ˢ'-$0!!'.0-20ˢ
%-5ˢ#*'- *+!8ˢ 1# -.ˢ 1%8+ˢ$ˢ $0%2,ˢ!%-.*%.0ᶠ
$ˢ $,0ᶠ 6'-0+$ˢ '-$0!!'.0-20ˢ ,0ᶠ '-5'7'5*%!ᶠ '-ˢ
!0%#-'-.ˢ!%-.*%.0ᶠ 2 40+ˢ'-ˢ 2 -$%2$ˢ 1'$,ˢ %
,'.,!8ˢ 0!%; #%$0ᶠ '-+$#*40-$ˢ $,%$ˢ ,%+ˢ.# 1-ˢ
*:ˢ 1'$,ˢ$,0ᶠ #%20ᶠ %-5ˢ ,%+ˢ ;00-ˢ #06'-05ˢ %-5ˢ
%4:!'6'05ˢ;8ˢ$,0ᶠ.#0%$ %#$'+$+ˢ%-5ˢ$,'-30#+ˢ1,ˢ
,%70ᶠ *+05ˢ '$ˢ ˢ;0ᶠ'-'$'%$05ˢ'-$ˢ$,0ᶠ*+0ᶠ 6ˢ
'$ˢ$,0ᶠ '-5'7'5*%!ᶠ 4*+$ˢ 2 40ᶠ '-ˢ 2 -$%2$ˢ 6'#+$ˢ
1'$,ˢ$,0ᶠ :%#$+ˢ 6ˢ'$ˢ$,%$ˢ 0E:#0++ˢ,'+ˢ +0-+%$'-+ˢ
%-5ˢ 0E:0#'0-20+< %-5ˢ+ˢ,0ᶠ:# 2005+ˢ$,# *.,ˢ
!%-.*%.0ᶠ '$+0!6ˢ 6# 4ˢ$,0ᶠ!'$$!0ᶠ 6ˢ'$ˢ$,%$ˢ 0E9
:#0++0+ˢ,'4ˢ'-$ˢ'$+ˢ#'2,0+ˢ$,%$ˢ 0E:#0++ˢ 70#8ˢ
4*2,ˢ 4 #0ᶠ $,%-ˢ $,0ᶠ '-5'7'5*%!<ˢ $,*+ˢ ,0ᶠ
;02 40+ˢR'05*2%$05Sˢ '$,ˢ*$ˢ$,0ᶠ :0#+ -%!ᶠ
2 -$%2$ˢ;0$100-ˢ,'+ˢ'4:*!+0+ˢ$ˢ*$$0#ˢ%-5ˢ$,0ᶠ
; #50#+ˢ 6ˢ$,0ᶠ .#0%$ˢ !%-.*%.0ᶠ ,0ᶠ 1'!!ᶠ -070#
!0%#-ˢ'$ˢ$, *.,ˢ'$+ˢ0-$'#0ᶠ7 2%;*!%#8ˢ;0ᶠ5*4:05ˢ
'-$ˢ ,'+ˢ 404 #8ˢ 0%6ˢ :0#+ -+ˢ $,# *.,

!'7'-.' +0-+0 6' $,0' 6%20+' %-5' 0E:#0++' -+' 6' - #4%!' ,*4%-' ;0'-.+' %-5'+' 0-%;!0+' ,'4' ;8' '4'$%$' -' $ ' :*$ 0E:#0++' -' '-$ ' ,'+' 1-' 2 *-$0-%-20' $' '+' %- $,0#' ; -5' 6' 2 -$%2$' 1'$,' - #4%!' !'60' ' -%$*#%!' 7 '20',%+' - $' 80$' ;00-' 5070! :05' '-' %-8' 50%6' #' 50%6?;!'-5' :0#9 + -' ;*$' '$' 4'.,$' ;0' 5 -0' '6 $,0' :,8+' ! .8' 6' $,0' 7 '20' 10#0' +$*5'05' %+' %' . 5' $0%2,0#' 6' +'-.'-.' *-50#+$%-5+' '$' %-5' '6' $,'+' 3- 1!05.0' 10#0' 2 4;'-05' 1'$,' 3- 1!05.0' 6' $0%2,'-.' $,0' 50%6'

060#0-20+'' /

0 '" ' /' ' 0 ' /' ' + 9 ', 0 ' / ' ' 8 ' N'H +$ - F

' 4+' ' ' + ' 4% ' 1 0 *'

H %#'+' %-5' '$'0#+' >P>K F

@ # ' 0 ' " ' /' ' , 0 ' /' ' ' /=8 ' ' 2 6' .$ %

' ' ' %-5' - % ' 5' ' 0 ' 8 '

H +$ -' >PKJ F

) # * ' (' ' ' 2 ' 1 ' E ' H $*$$9

.%#$' >PKP F

- / %% ' ' ' " ' E ' #%-+!%$05' '-$ '

0#4%-' ;8' $0'!'-.? 450-' H #'05;0#.? 0++0-'

>PKJ F

" *% ' ' 0 ' 8 ' H '0--%' >)P>F

< ' - # ' . !' /' !' / ' H 01' #3'

>PKJ F

' ' ' ' ' H 01' #3' >PK) F

. 0 ' H !$%' *#0%*' %+,'-.$ -' >)PN'%-5' >)PM F

o ' (' '%-5' --'+ ' ' /' 0 ' H !%+9

. 1' >)PO F

o ' (' ' . 0 !' /' ' ' /' ' H !%+. 1'

>PKL F

% # # ' ' ' 0 0 =8 ' H %-.0-?

+%!G%' >PKL F

, # ' ' 1 ' E ' H 0#!-' >PKQ F

' / ' ' ' / ' 0(' /' 0 ' ' $!'

8 ' H +$ -' >)LP F

(% ' ' ' 8 =' /' H -5'%-%: !'+' >PKM F

' 8 =' /6'.0 ' H -5'%-%: !'+' >PK) F

' / ' ,0' '-%;'!'$8' $' ,0%#' - #9

4%!!8' 0%6-0++' 4%8' ;0' 6' %-8' 50.#00'6# 4'

$,0' +$%.0' 0E,';'$05' ;8' $,0' '-5'7'5*%!' 1,' '+'

R',%#5' 6',0%#'-.'S' *:' $' 2 4:!0$0' 50%6-0++'

1,'2,'!%$$0#'+'*+*%!!8'5*0'$'50$0#' #%$' -''-'$,0'

'--0#' 0%#' #' $,0' %*5'$ #8'-0#70' 6' $,0' 50602$'

'+' 5*0' $' 5'+0%+0' '-' $,0' *$0#' 0%#' $,0'+ *-5' 7'9

;#%$' -+' 4%8';0'2 -5*2$05'' $,0''--0#+0-+'$'70'

#.%-+' $,# *.,' $,0' ; -0+' 6' $,0' +3*!!' ,0#0'

%#0' 7%#' *+' 50602$+' 6'+:02'%!' $8:0+' 1,'2,'5' -$

'-7 !70' %2$*%!' ! ++' 6',0%#'-.';*$' %#0'-070#$,09

!0++' 2%!!05' 50%6-0++' -0' 50%6-0++' H 6$0-'

2!%++05' 0## -0 *+!8' %+' 40-$%!' 50%6-0++F' '+' $,0'

'-%;'!'$8' $' %:: #02'%$0' $,0' :'$2,' 6' $ -0+' $'

'+:# ;%;!8'5*0'$ ':0#':,0#%!' 50602$'H'-'$,0';%+'9

!%# 404;#%-0F' -' +40' 2%+0+' $,0#0' %#0' .%:+'

'-' $,0' $ -%!' +2%!0' 1,'!0' $,0' #0+$' 6' $,0' +2%!0' '+'

I - #4%!!8' #020'705' 0-$%!' 50%6-0++' '+' $,0' '-9

%;'!'$8' $' '-$0#:#0$'%*5'$ #8'4:#0++' -+';02%*+0'

6' 50602$+' '-' $,0' 20-$#%!' -0#7 *+' #.%-+

' ')

00' %/' '% #' /' 4 % ' - # '

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)' ' ' /' 0;%$'-.'

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$'-2$'70!8' #%!' 40$, 5' 6' 40-$%!' 5'+2':!'-0' '-'

%-' %.0' ;06 #0' $,0' '-$# 5*2$' -' 6' $,0' :#'-$05'

; 3' -' $,0' '55!0' .0+' 4<% %*6:#0:%#%$' -''-'

$,0 ! .8' !%1' 405'2'-0' 1%+' 2%##'05' -''-' %$'-'

;8' 40%-+' 6'+8+$04%$'2' 5'+:*$%$' -+' 2 -5*2$05'

'-' $,0' :#0+0-20' 6'+0-' #+' 1,' ,%5' 1 -' $,0'# #09

:*$%$' -' ;8' 5'+:*$%$' -%!' +3'!!' '%!02$'2' #

! .'2' 1%+' $,*+' $,0' 2,'06' 6' $,0' +070-' !';0#%!'

%#$+' 4<% %*;06 #0'$,0' 0-%'++%-20'%+'#,0$ #'2' 1%+'

$,0' 2,'06' %#$ 0E0#2'+05' %6$0# $,%$' :0#' 5' ,0'

5'%!02$'2' 5'+:*$%$' -' 2 -20#-05' '$+0!6' 1'$,' $,0'

+*;&02$' 4%$$0#' 6' .#%4 4%#' '-' $,0' 0%#!8' +$%.0+'

1'$,' $,%$' 6' $,0 ! .8' !%1' 405'2'-0' '-' $,0'

!%$0#' +$%.0+' %-5' $,# *., *$' %!' +$*5'0+' 405'09

7%!'+4' 5'+:!%805' $,0' .#0%$0+$' '-.0-*'8' '-'

;#'-.'-.'%!' $,0' 50$%'!+' %-5' 2 4;'-%$' -+' 6' 509

$%'!+' 6' $,0+0' +*;&02$+' '-$' $,0' 40$%:,8+'2%!'

%#0-%' '-' %!' 2%+0+' #05*2'-.' $,0' : '-$' '-' 5'+:*$0'

6'-%!!8' $' %:#'-2':!0' 6 *-505' #'+*:: +05' $' ;0'

6 *-505' -' #'+$ $!0' 4<% %*% ,0' 5'+:*$%$' -%!'

40$, 5' $,0#06 #0' 1%+' ;%+05' -' %*$, #'$8'%-5' '-'

'$+' 0E0#2'+0' #0%2$05' +' %+' $' '-$0-+'68' $,0' -005'

6 #' 6'-%!' %*$, #'$8' ,0-' $,0' 0-%'++%-20'

:0-05' *:' 7%+$' 7'+$%+' 6' 3- 1!05.0' #0U*'#'-.'

'-U*'#8' 1'$,' %-' :0-' 4'-5' %*$, #'$%$'70' #'+?

$ $0!'%-'+4' 1%+' 5 405' %-5' $,0' '-$# 5*2$' -'

6' $,0#' 40$, 5+' 4 #0' +*'$05' 6 #' '-U*'#8' ;09

2%40' 4 #0' *#.0-$' ;*$' 070-' '-' $,0' *-'70#+'$'0+'

$,0' 40$, 5' 6' $,0' 5'+:*$%$' -' :0#+'$05' %+' $,0'

#02 .-'G05' $0+$' 6 #',',0#' 50.#00+' %-5' $,0'

4%'-$0-%-20' 6' %' $,0+'+' - 1' *+*%!!8' %' 1#'$$0-'

0E0#2'+0' %-5' = (' 0E%4'-%$' -+' %#0' :#0+9

0-$?5%8' +*#7'7%!+' %!*%;!0' %+' $,0' 5'+:*$%$' -'

1%+' %+' %' 40-$%!' 5'+2':!'-0' '-' %.0+' 1,0-' $,0#0'

10#0' -' $0E$+' -' ; 3+' 6' #060#0-20' '-9

6 #4%$' -' %-5' 2#'$'2'+4' '$' !05' $' .#0%$' %;*+0+'

'70+' 4<% %*' '-',+' ' ' (' H>QJ>F +%8+' 6'

8 *-.'+$*50-$+' R' -0' 5'+:*$%$' -' % 5%8' 5 0+'

- $'+*66'20' - #$1 ' %+' 1'$,' 0%$'-. ' $' ;#0%39

6%+$' $,08' 1#%-.!0' %$' +*::0#' $,08' 1#%-.!0'

%6$0#' +*::0#' $,08' 1#%-.!0' -' $,0',*+0' $,08'

1#%-.!0<' *$' 6' 5 #+' $,08' 1#%-.!0' ' -'

070#8':!%20' %$' 070#8' $'40' $,08' %#0' 1#%-.!'-.S'

,0' 5'+:*$%$' -' 1%+' %+2, !' %+' 10!!' %+' % *-'9

70#+'$8' 40$, 5' -' $,0' $10!6$,'20-$*#8' 4'

'$G+$0:,0-'.'70+' %-' %22 *-$' 6' -5 -' +2, !9

; 8+' 6# 4' 5'6%0#0-$' +2, !+' %++04;!'-.' -' , !8'

5%8+' ?' %; *$' $,0' 2,*#2,' S' $' R' 5'+:*$0 S

R' 40' *+0' 504 -+$#%$' -+' $,0#+' $:'2%!' %-5'

:# ;%;!0' %#.*40-$+<' + 40' :#%2$'20' 0-$,8?

4040+' $,0#+' %#0' ;0$$0#' %$' :0#602$' +8!! .'+4+<'

+ 40' +$#'70' !'30' %570#+%#'0+' $,0#+' 6 #' $#*$,S'

-' >Q>)' 0%-' !0$'-',+'+$%$*$0+' 6 #' $' %*!+'

2, !' 6 #;%50',+'+2, !' $'& '-'-'$,0' 5'+:*$%9

$'-' %$' $' %#$, ! 401+' *$' %6$0#$,0' 06 #9

4%$' -' 5'+:*$%$' -%!' : 10#' '-', !5'-.' $,0'#

1-' '-' $,0' #0!'.' *+' 2 -$# 70#+'0+' 1%+' .#0%$!8'

7%!*05'%-5'; $,' 4%-' %$, !'2+'%-5' # $0+9

$%-$+' 10#0' '-6!%405' 1'$,' G0%!' $' $#%'-' $,0'#

5'+2':!0' $' +3'!!' '-' $,0' 5'+:*$%$' -%!' 40$, 5'

,0' (0+*'$+' 4<% %*' '-' $,0'# +2, !+' 2%##'05' $,0'

40$, 5' $' ,'.,' 5070! :40-$' %-5' $,0' -.!'+,'

*-'70#+'$'0+' '-' $,0' $'40' 6' !'G%;0$,'%-5' !%$0#

$'.,$0-05' $,0'# , !5' -' $,0' 5'+:*$%$' -%!' 40$, 5' '-' 7'01' 6' $,0' #0!'.' *+' 2 -$# 70#+'0+' ,0' .#%44%#' +2, !+' &<% %' 6 !! 105' &<% %' 6 !! 105' +*'$' ;*$' $,0' +*;&02$' 4%$$0#' '-' $,0' !%$$0#' 1%+' 2,'06!8' .#%44%#' %+*;&02$' 1,'2,',%5' *-50#. -0' 0- #9 4 *+' 5070! :40-$'%6$0#' $,0' 0-%'++%-20' ;0'-.' 2! +0!8' 2 --02$05' 1'$,' $,0' #0%5'-.' 6' $,0' -01' 1 #!5' 6'2!%++'2%!'%*$, #+' 1,'2,',%5'2 40'1'$,'-' $,0' 30-' 6' $,0' +$*50-$+' ,0' 2,'06' $0E$; 3' -'.#%44%$'2%!'5'+:*$%$' -+' 1%+' 2 44 -!8' 5 -0' -' #'5%8+' %+' %#0+*#-0' 6' $,0' 1003+' 1 #3' $':# 7'505' %-' :: #$*-'$8' 6 #' $,0' 5'+2*++' -' 6' %-8' 5'66'9 2*!$'0+' 1,'2,'#0U*'#05' 2!0%#'-.'*:' #04:,%+'+' ,0' 40$, 5' 6' %:: +'$' -' +:#0%5' 6# 4' $,0' .#%44%#' +2, !' '-$'$,0' 0!040-$%#8' #' R':0$$8' +2, !+' S' %+' 10' +00' '-' $0+' ' .(# 6' $,0' 4 +$' 0E$0-+'70!8' 2'#2*!%$05' 0!040-9 $%#8' $0E$; 3' *:'$' >OOK' -' 40#'2%' /' ,0' -020++'$8' 6 #' ++0++'-.' %+:0%3'-.'3- 1!05.0' 6' %$'-'1%+'-'! -.0#'60!$' 070-'''-'$,0'2 ! -'%!':0#' 5'4<% %'6 %-5'$,0'2,'06' 40%-+'6 #':0#:0$*%$'-.'5'+:*$%$' -'%+'%':# 4'9 -0-$' 05*2%$' -%!' 40$, 5' 1%+' 6 #' $,0' 6%2'!'$8' 1,'2,''$'.%70'-':*;!'2'+:0%3'-.'%-5'$,0'! .'2%!' $#%'-'-.''-'%#.*40-$%$' -'2,'06!8''-'$,0 ! .'2%!

5'+2*++' -' #':#0+0-$%$' -' 0-20' $,0#0' 1%+' !'$$!0' #' -' -005' 6':0#:0$*%$'-.'5'+:*$%$' -''-' $,0' %$'-'.#%44%#' +2, !+''%-5'!'$$!0' 07'50-20' 0E'+$+'$,%$' '$'6 #405'%-8':%#$ 6' $,'+'$#%'-'-.' -'$,0'2 !!0.0+''$' 1%+'5'660#0-$'%-5'5'+:*$%$' -' 6 #405'%:# 4'-0-$':%#$ 6'2 !!0.0' 1 #3' ; $,' $,# *., *$'$,0'80%#'%-5'0+:02'%!!8''-'$,0'2 49 40-2040-$'0E0#2'+0+'4<% %'%' -'$,0'+ (/' ' (0 '1 ('. (!6'6 #' >)KK?' >))>' H !' >)F' $,0#0' %:0%#+' %' ! -.'!'+$ 6' +070#%!', *-5#05' ++*;&02$+' 6' 5'+:*$%$' -'.'70-' ;8' %#7%#5'+$*50-$+'6# 4'>OQQ'$ '>LPK' ,0+0' #0!%$0' $' $,0' .#0%$0+$ 7%#'0'$8' 6' +*;&02$+' '-9 2!*5'-.':!'$'2%!'+2'%!':,'! +:,'2%!'+2'0-$'6'2' 405'2%!'!0.%!'0$,'2%!'+2#':$*#%!''"0.2!0+'%+$'2%!' %-5'$,0 !.'2%!' ,'!0'4%-8' 6'$,0+0' #070%!'% 405'07%!'%$$'$*50' 6' 4'-5''-'$,0'#+$%$0-$' 4%-8'-'$,0'2 -$#%#8'%#0'U*'$0'4 50#-' ?' #0' :!'+,05' 4%--0#+'%-' #-%40-$'$'% 4%-c'S' 1%+'5'+2*++05'+070#%!'$'40+' ;0.'--'-.'%+'0%#!8' %+'>LNL'%.0-0#%$' -';06 #0'$,0'1#'$'-.+' 6' *+9 +0%*'%-5' ,0+$0#6'0!5' ,0'+%40'80%#+%1'$,0' 5'+2*++' -' R' +' *-!'4'$05' ;05'0-20'$' #*!0#+' $%*.,$' ;8' ,#'+$'%-5',+':%: +$!0+c'S'%-5'6'70' 80%#+'!%$0#'R' +'$,0'7 '20' 6'$,0':0 :!0'$,0'7 '20' 6' 5c'S' -'>L)>'R +'$,0'5'66*+' -' 6'3- 1!9 05.0'%4 -.'%!'2'$'G0-+'-020++%#8'$'$,0'0E'+$9 0-20' 6'$,0' 0:*;!'2'c'S' 1%+' -0'%4 -.'4%-8' :!'$'2%!' %-5' + 2'%!' U*0+$' -+' :# : *-505' R' %-''-50:0-50-$';0'-.+';0'2#0%$05';8' 5'c'S' ?' #0' '-$0!!'.0-20+'2 4:+05' 5' 6' 4%$$0#'c'S' R' 0+'%+,%5 1'4 70'c'S'R +'$,0#0'%+$ -0'$,%$' 4%30+'. !5c'S'R' %+'$,0#0'%#%'-; 1';06 #0'$,0' 50!*.0c'S'R' *.,$':,8+'2'%-+'$' :#%8'6 #' $,0' ,0%!$,' 6' :0 :!0'c'S' R' +' $,0#0'% -0#7 *+' 6!*'5'c'S' %#0'+%4:!0+' 6' $,0+0' U*0+$' -+''-'% 7%#'0$8' 6'6'0!5+

*#'-.'$,0'!%$$0#'0'.,$00-$,'20-$*#8'%-5'$,0' 0%#!8'-'-0$00-$,'$,0'#'+0' 6'-%$' -%!''-$0#0+$+' $,0' 5070! :40-$' 6' :%$#' $'2' 60#7 #' $,0' '-9 2#0%+05''-6!*0-20' 6' $,0' !0.%!:# 60++'-' $,0' ::#$*-'$8' 6 #' :10#' $' ;0' %2U*'#05';8' $,0' :*!%#' #%$ #':*$%-01'7%!*0' -'50;%$'-.'%-5' 2,%-.05''$+' 2,%#%2$0#' $' - 1' 20%+0+' $' ,%70' %-8' 2 --02$' -'1'$,'$,0'+$*58' 6' $,0' %$'-'!%-9 .*%.0'$%30+'%-01'%-5'!%#.0#:!%20''-' $,0' 1 #3' 6' ; $,' +2, !' %-5' 2 !!0.0'%-5' 2 40+' $';0' #02 .-'G05'%+'%5'+$'-2$';#%-2,' 6'+$*58' #' 05*2%$'-%!' %2$'7'$8''-' ; $,' 70-' $,0' 0!040-$%#8' +2, !' - 1' %$$04:$+' $' :#0:%#0' 6 #' 0E0#2'+0+''-'5'+:*$%$' -';8' $,0' $#%'-'-.''-' 502!%4%$' -'4<% %'%' ,'+':# 4'-0-20' 6' 50;%$9 '-.'%+'%:#%2$'2%!':#0:%#%$' -'6 #':*;!'2' !0%50#9 +,':'$, *.,'5'#02$05'$ 1%#5'$,0'5070! :40-$' +0!6?2 -6'50-20' -' $,0':%#$' 6' $,0':*:'!#%$,0#' $,%-' 6'%2 44%-5' 6';0$$0#' -.!'+,'2 -$'-*05' *-$'!'%6$0#' $,0' '7'!' %#':0#' 5' *;+0U*0-$' .0-0#%$' -+' 6' +2, !40-',%70' 2 40' $' .'70' 50;%$'-.'%:!%20''-'+2, !%2$'7'$'0+'2,'06!8'%+' %:%#$ 6' $,0' $#%'-'-.''-' -.!'+,'%-5' -!8'+029 -5%#'!8'%+'%5'#02$'%:#0-$'20+,':' $':*;!'2' %2$'7'$8',2,'06!8' 6' %: !'$'2%!' #':# 60++'-%!' 2,%#%2$0#'

"4(&/+5'/+'%1',,%(&6$"%"+&'/',0#0'+' -1',1070#'%'10!!?4%#305'$0-50-28'%4 -.

$,04 1'!! ;0 4 +$,0!:6*!$ $,02,'!5#0- #*0 ;0%*$8 %-5 .0-*'-0 %#$ 4%8 ;0 +'4 :!8 %-5 :!%'-!8 +0$6 #$, ' # ,'550-%-5 -!8 +*..0+$05 ,'!5#0- %::#02'%$0 $,0 6 #40#< $, *.,$6*!%-5 5'+2#'4'-%$'-. 4'-5+ 4*2, :#060# %-5 4 #0 300-!8 #0!'+,'$,0 !%$$0# 2,'!5 1'!! %:9 :#02'%$0%-5 *-50#+$%-5$,0R 0! - %$0#+ S 6 *#'!! %-5 .0$!'$$!0 # - $,'-.'6# 4%-8 -0 6 ,'+ R --*-2'%$' -+S ; 8 6$,0 6 *#$, # 6'6$, .#%50 1'!! 600!$,0 +:'#'$ 6R '# %!%,%5 S %-5 .0$ 6%# 4 #0 6# 4'$ $,%-6# 4 %R $ -9 $, -8 6 %5*% 1'$, $,0 !8 ,'!5S ,0 04 $' -%! !'60 6 2,'!5#0-504%-5+ 1, !0+ 40 %-5 1 #$,8 +$'4*!' ;*$%!+ $, +0 1,'2, #0:#09 +0-$+'$*%$' -+ 1'$,'-$,0'# : 10# $ %:::#02'%$0 $,'+ 0-5 '$ #0U*'#0+ 1'+0 %-5 &*5'2' *+ $0%2,0#+ $, +0 1, 3- 1 1,%$ 2,'!5#0-2%-4%30 *+0 6 %+ 10!! %+ 1,%$ $,08 *.,$ $,%70 $ +0!02$:'2$*#0+ %-5'.*'50'-%!! 4%$$0#+ #0!%$'-.$ +2, !# 4'502 #%$' - -%55'$' -$ $,0 *+0 6 :, $.#%:,+ 5#%19 '-.+ %-5 +$%$*%#8 '$' + $;0 , :05 $,%$ $,0 %#$'+$+ 6 *# 2 *-$#8 1'!! + -2 40 $ #0%!'G0 $,%$:*;!'2 +2, ! ;*'!5'-. 660# %-*-*+*%!: :#$*-'$8 6 # 4*#%!:%'-$'-.; $,6 #$,0 +%30 6 502 #%$' -%-5 $,%$,'.,0# 05*2%$' -%!'-9 6!*0-20 1,'2,2 40+6# 4'%!!0. #'2%!%-5',+$ #9 '2%! #0:#0+0-$%$' -+ -$,'+#0+:02$ 10'%#0 1 09 6*!!8 ;0,'-5 4%-8 $,0# 2 *-$#'0+ *$ +*#0!8'$ '+ -0'$,0# ;02%*+0 6 !%23 6 4%$0#'%!'- # ;02%*+0 6 *# %;!'$8 6 # +*2,' 1 #3 $,%$ 4%30+ *+ -0.!02$6*!'-'$,'+:%#$ 6 *# 05*2%$' -%!5*$8 ,0#0 '+ %-005 6 4 #0 %#$'+$+%-5 % 4 #0 .0-0#%!%::#02'%$' - 6 1,%$ %#$ 40%-+$ %-% -%$' - 0#0 $,0-1,0#0 2,'!5#0-!'70 %-5 1,0#0 $,0 0-$,*+'%+4+ 6 !'60 %#0 %1%30-05 '+ $,0 ;0+$:!%20 $;0.'- ++04 ;!8 # 4+'10!!? !'.,$05 ,%!!+ %-5 $, +0 +:02'%! # 4+0$%:%#$ 6 # 5#%1'-.%-5 %#$ 1 #3 '-.0-0#%! *.,$ $ %::0%! :%#$'2*!%#!8 $ $, +0 %#$'+$+ 1, 3- 1 1,%$ *# 2,'!5#0- -005 %-5 1,%$ *# :0 :!0 *.,$ $,%70 *$ $,0#0 '+ 80$ % .#0%$ 50%! $;0 5 -0'-$,0 1%8 6 +'-20#'$8 %-5 , -0+$8 '-$,0 40#0 2 -+$#*2$' - 6*#-'+,'-.%-5 6'-9 '+,'-. 6 *# +2, ! ;*'!5'-.+$ %#2,'9 02+ %#0 +$'!! +%$'+6'05 1'$,$ $,0 40#0!8 *+%;!0 %-5 $,0+0 .'70 !'$$!0 $'40 # $, *.,$ $ 0E9 %!$%$' - 6 $,0 2 44 -$,'-.+;8 % $ *2, 6 ;0%*$8 *# 2 *-$#8 '+ '-.#0%$ -005 6 $,%$ 0-- ;!'-.'4:*!+0 1,'2,+003+ $ 4%30 -020+9 +%#8 $,'-.+ ;0%*$'6*! %-5 +%$'+68'-. 2, ! 50+3+ $%;!0+ 2,%'#+ %-5 %!! $,0# 6*#-'+,'-.+ 070-$, *.,'-0E:0-+'70 50+0#70 %#$'+$'2 $#0%$9 40-$ -%55'$' -$ $,0 *:0# .#%50+ 6 +2, !# 4+ $,0 $0%2,0# 2%- ,0!:70#8 4*2, ;8 $,0 +3'!!6*! 5'+:!%8 6 4%:+ 1,0- -00505 %-5 $,0'# '4405'%$0 #04 7%! 1,0- $ -00505 ,0 ! 2%$' - 6 50+3+ $%;!0+ ; 3+,0!70+ %-5 #060#0-20 ; 3+ 50+0#70+ 2%#06*! 2 -+'50#%9 $' - !%23; %#5+ %#0 ,%#5 $ 300:2!0%-'-$,0 *:0# .#%50+ 6 +2, !+ ;*$ '6 +,%50+ 1,'2, 1'!! ,%#4 -'G0 1'$,'$,0 1%!!+ %#0 + :!%205 $,%$ $,08 2%-;0 5#%1-70# $,0 1 #3 *-$'! $,0 ; %#5 '+ 6*#$,0# -00505 % . 5 50%! 6 #0!'06 2%-;0 ; $%'-05 $ '+ % +%60 :# 205*#0 '-%-8 2 49 4*-'$8 $ +0!02$ % 2 44 $$00 6 $,0 4 +$,0!:96*! $0%2,0#+ $ +*; 4 $:!%-+6 #+2, !# 4 502 9 #%$' -6 # $,0 :#'-2':!0+ 6 %#$ %-5 $,0 2%:%;'!9 '$'0+%-5 -005+ 6 $,0 2,'!5#0-%#0 ; $,'%$ +$%30 $ '+ $,0-$,0 5*$8 6 $,0 +*:0#7'+ #8 66'20#+ $ %5 :$'+*::!8 %-5 %; 70 %!! $ 300:%-'080 *$ 6 #.0-0#%! 6'$-0++'-'%!! $,'-.+ # #060#0-20+ %-5 6*#$,0# 5'+2*++' -+00 $,0 7%#' *+ %#$'2!0+ - % -5 ' ' ,

$ / $ 00 o *, *

$ / ,0 :# 20++ 6 #0%+ -'-. H # 405'%$03- 1!05.0 ;8 1,'2,'504 -+$#%$05 H'-,0 +0-+0 6 -020++%#8 2 -2!*+' -+ %#0 %#9 #'705 %$6# 4.0-0#%! :#'-2':!0+ 1,'2,%#0 $,049 +0!70+ #0.%#505 %+ %E' 4%$'2 H+0!6?07'50-$ # %+ $,04+0!70+ +*;+$%-$'%$05 %+ -020++%#8 505*29 $' -+ 6# 4 $,0# +0!6?07'50-$:#'-2':!0+ -,0 #'+$ $0!'%- %-5 2!%++'2 +0-+0 505*2$' - 1%+ *+05 4 #0 1'50!8 $,%- $,0 %; 70 506'-'$' -'-5'2%$0+ $ 2 70# %!! :# 20++0+ ;8 1,'2,'-020+9 +%#8 2 -2!*+' -+ 10#0 #0%2,05 +$,0 4 50#-' #%$' -%!'+$'2 4 7040-$!'4 '$05 -020++'$8 $ .0-0#%! 2 -20:$+ %-5 &*5.40-$+ %-5 1,%$ 6 !! 105 6# 4 $,04 $,0 $0-50-28 1%+ $ #0+$#'2$ 505*2$' - $ 4%$,04%$'2%! %-5'+8!! .'+9 $'2'-60#0-20 05*2$' -'+%!+ *+05 2 44 -!8 '-% ! +0# +0-+0 $ 50- $0 %-8 #06!02$'70 4 709 40-$ 1,'2,%:!'0+ .0-0#%! - $' -+ %-5 :#'-9 2':!0+ $,0 50$0#4'-%$' - 6 :%#$'2*!%# 2%+0+ / 6 #%-8 ! .'2%! 4 7040-$ $,%$:# 2005+ 6# 4 $,0 4 #0 $ $,0 !0+ .0-0#%! # 6# 4 $,0 2 -20:$' 6% +8+$04 # ! .'2%! 1, !0 $ $,0 +:02'6'2%$' - 6 '$+ 404 ;0#+ #:%#$+ +82, ! .'2%!!8 $,0 $0-9 50-28 '+ $ '50-$'68 '$ 1'$, # %$!0%+$ $ %+9 +'4 '!%$0 '$ $ $,0 +0 6 ,%;'$ %+ #:'-2':!0 6 %- #.%-'G'-.%-5 4%+$0#'-.'1,%$ 1 *!5 $,0#1'+0 ;0'+ !%$05 50$%'! ,'+! +0# +0-+0'+$,0 4 #0 6#*'$6*!+0-+0 6 # 05*2%$' - (00 # % * *' %# ' , # * *4 3 # '6 #4

$ / 00 ** #* + *' /

$ / $0#4 *+05 6#0U*0-$!8 ;*$ 1'$,'!$$!0 *-'6 #4'$8 '-05*2%$' -%! 5'+9 2*++' -+ # :0#!8 '$ '-2!*50+ %!! 2,'!5#0- +*;-#4%! :,8+'2%!!8 40-$%!!8 # 4 #%!!8 : :*!%#!8 '$ 50+'.-%$0 $, +0 1,'2,'507'%$0 6# 4 $,0 -#4%!'-' %4%#305 50.#00 %+$ *+%.0,%+!'4'$05 '$+ %:!'2%$' -$ $,0 +0 1, %#0+ 4%#305!8 50602$'70 %+$;0 600;!0?4'-505 -'$,0 6 !! 1'-.'%#$'2!0 -',' *'/ / '6 o *' $,'+ *+%.0 '+ 6 !! 105 020-$!8 , 19 070#'6*#$,0# '-70+$'.%$' -,%+;# *.,$ $!'.,$ 4%-8 $,0# .# *:+ 6 2,'!5#0-507'%$'-.'6# 4 $,0 -#4%!' %-5 50+0#7'+ -:02'%!' %$$0-$' -'-' +2, ! %54'-'+$#%$' - ,0+0 7%#' *+ 2!%++'6'9 2%$' -+ ; $,' 6 $,0 +*:0#- #4%!' %-5 6 $,0 +*; -#4%!' %#0 .'70-*-50# $,0 $'$!0 ; ' 6 #% ' #' % ' %# ' / %-5 $,0 2 -2#0$0 5'+2*++' - 6 $,0 +2, "' 1 #3 5 -0'+

.'70-ˢ *-50# $,0ᶠ %::# :#'%$0ᶠ $:'0+ˢ +*2,ˢ %+ˢ
%/ˢ '% #ˢ /4 %/@$ # ˢ '%6
#ˢ /4 $ # ˢ '% #ˢ /4 $%'1 % ˢ
*4 3 % #ˢ%# ˢ '% #4 6
ˢ #ˢ '% #ˢ /4 o *ˢ
ˢ '% #ˢ /4 + %#'4 6
ˢ ,' *4 % % #ˢ%# ˢ #%6
#4 , '%ˢ %** *4 0$2ˢ 401,%$ '-9
%22*#%$0!8ᶠ #020-$ *+%.0ᶠ ,%+ˢ $0-505ᶠ $ˢ2 -6'-0ᶠ
$,0ᶠ %::!'2%$' -ˢ 6ᶠ $,0ᶠ $0#4ˢ R$%$8:'2%!ˢ Sˢ $ˢ
$,%$ 2!%++0+ˢ 6ᶠ $,0ᶠ +*;-#4%!ˢ -ˢ$,0ᶠ ; #50#!'-0ᶠ
%-5ᶠ %; 70ᶠ $,0ᶠ + ?2%!!05ᶠ 50602$'70ᶠ # 600;!09
4'-505ˢ ,0ᶠ $0#4+ˢ R!ˢ*-.#%505ᶠ J' #R!+:02'%!ˢ
2!%++0+ˢ S'4 %%ᵛ %#0ᶠ 6#0U*0-$!8ᶠ *+05ᶠ 1'$,ˢ $,'+ˢ
2 -- $%$' -ˢ;*$$,'+ˢ*+%.0ᶠ 7%#'0+ˢ 1'50!8
6*!!0#ᶠ $#0%$40-$ 6ᶠ $,0ᶠ *+%.0ᶠ 6ᶠ $,'+ˢ 0-9
$'#0ᶠ .# *:ˢ 6ᶠ$0#4+ˢ+00ᶠ ;' %ˢ #ˢ
'% #ˢ /4 %-5ᶠ6 #ᶠ$,0ᶠ+2, !# 4ˢ $#0%$9
40-$ 6ᶠ $,0+0ᶠ .# *:+ˢ +00ᶠ , '%ˢ %** *
ˢ ˢ ˢ/ˢ ,0
,'+$ #8ᶠ 6ᶠ+2, !+ˢ6 # 50602$'70+ˢ'+ˢ+, #$ᶠ ;*$
'-$0#0+$'-.ˢ ,0ᶠ !%1ˢ 6ᶠ $,0ᶠ +*#7'7%!ˢ 6ᶠ $,0ᶠ
6'$$0+$,%+ˢ:#07%'!05ᶠ 070-ˢ%4 -.ˢ,*4%-ˢ;0'-.+ˢ
*-$'!ᶠ %!4 +$ 1'$,'-ˢ$,0ᶠ404 #8ᶠ 6ᶠ *# 6%$,0#+ˢ
-ˢ%-2'0-$ $'40+ˢ 50602$'70+ˢ ; $,ˢ 40-$%!ᶠ %-5ᶠ
:,8+'2%!ˢ 10#0ᶠ %!! 105ᶠ$ˢ5'0ᶠ # 10#0ᶠ50+$# 805ˢ
+ 40$'40+ˢ070-ˢ;0'-.'70-ˢ 70#$ˢ;0ᶠ507 *#05ᶠ
;8ᶠ5.+ˢ $'+ˢ%-ˢ'-$0#0+$'-.ˢ6%2$$,%$'$ 1%+ˢ%
;0'-.ˢ:,8+'2%!!8ᶠ %-5ᶠ 40-$%!!8ᶠ 50602$'70ᶠ $,%$
6'#+$ %# *+05ᶠ,*4%-ˢ+84:%$,8ˢ%-5ᶠ$,%$'$ 1%+ˢ
,'+ˢ:,8+'2%!ᶠ $# *;!0+ˢ$,%$ 4%50ᶠ$,0ᶠ+$# -.0+$
%::0%!ˢ -ˢ$,0ᶠ !%$$0#ᶠ :%#$ 6ᶠ$,0ᶠ+'E$00-$,ˢ
20-$*#8ᶠ # 60++ #ᶠ 0!'Eˢ !%$$0#ᶠ 6ᶠ %+0!ᶠ 2%!!05ᶠ
%$$0-$'-ˢ$ˢ$,0ᶠ:'$'%;!0ᶠ2-5'$'-ˢ 6ᶠ$,0ᶠ2#0$'-+ˢ
4 % %ᵛ '-ˢ $,0+0ᶠ 1 #5+T ˢ R'+?+,%:0-ˢ ; 5'0+ˢ
506 #405ᶠ,0%5+ˢ+1 !!0-ˢ$ -.*0+ˢ%!4 +$0-$'#09
!8ᶠ 1'$, *$$,0ᶠ: 10# 6ᶠ+:002,'+$%#'-.ˢ -ˢ$,0ᶠ
.# *-5ˢ1'$,ˢ5%#30-05ᶠ2 *-$0-%-20ˢ$,0ᶠ ;&02$
6ᶠ2*#' +'$8ᶠ%-5ᶠ+2 #-Sˢ -ˢ>)>>ˢ%20-+*ˢ #9
50#05ᶠ;8ᶠ %: !0 -ˢ +, 105ᶠ 4 #0ᶠ,%-ˢ JKKKᶜ
2#0$'-+ˢ '-ˢ %-$ -ˢ %!!'+ˢ 1'$G0#!%-5ˢ -ˢ
>)>0ᶠ $,0ᶠ6'#+$ +2, !ᶠ 1%+ˢ6 *-505ᶠ'-ˢ %!!0'-ˢ
-0%# %!G;*#.ˢ;8ᶠ $$,%#5ᶠ *..0-4 +ˢ
,'+ˢ+2, !ᶠ6 # 2#0$'-+ˢ1%+ˢ$,0ᶠ6'#+$ +2, !ᶠ070#
+$%#$05ᶠ6 # 50602$'70+ˢ '-20-$ 50ᶠ %*!ᶠ %-5ᶠ
$,0#+ˢ,%5ᶠ4%50ᶠ+40ᶠ%$$04:$ˢ'-+$#*2$ˢ%-5ᶠ
'4:# 70ᶠ '5' $ᶠ 2,'!5#0-ˢ;*$ 1'$, *$ +*220++ˢ
,'+ˢ %!G;*#.ˢ+2, !ᶠ 1%+ˢ 2! +05ᶠ'-ˢ >)JQᶜ 6 #
1%-$ 6ᶠ4 -08ˢ ˢ601ˢ'5' $+ˢ10#0ᶠ+*220++6*!!8ᶠ
$#%'-05ᶠ'-ˢ$,0ᶠ %+8!*4ˢ6 # $,0ᶠ 50%6ᶠ %-5ᶠ5*4;ˢ
%$ %#$6 #5ˢ -- ˢ%; *$ >)NKˢ;*$ $,0ᶠ 1 #3ˢ
1%+ˢ- $2 -$'-*05
,0ᶠ6'#+$ '4:*!+0ᶠ $ 1%#5ᶠ $,0ᶠ +$*58ᶠ 6ᶠ $,0ᶠ
600;!0?4'-505ᶠ 1%+ˢ .'70-ˢ;8ˢ$,0ᶠ 0E:0#'0-20ᶠ 6ᶠ
$,0ᶠ6%4 *+ˢ $%#5ᶠ'-ˢ,'+ˢ1 #3ˢ1'$,ˢ$,0ᶠR ˢ%7%.0ᶠ
6ᶠ 708# -Sˢ1,ˢ $*#-05ᶠ *$ $ˢ;0ᶠ- $ 40#0!8ᶠ
%-ˢ*-$*$ #05ᶠ+%7%.0ˢ;*$%-ˢ'5' $ˢ $%#5ᶠ1 #305ᶠ
6 *# 80%#+ᵛ H>)K>?>)KQᶠ 1'$,ˢ $,'+ˢ +%7%.0ˢ -ˢ
>)N)ˢ 0##*+ˢ;0.%-ˢ%$ $,0ᶠ '20$#0ᶠ,'+ˢ +$*58ᶠ 6ᶠ
$,0ᶠ'5' $+ˢ ,0ᶠ #0%!ᶠ,'+$ #8ᶠ 6ᶠ+2, !+'6 # 509
602$'70+ˢ;0.'-+ˢ1'$,ˢ $%#5▯+ˢ:*:'!ˢ #ˢ 5 *%#5ᶠ
0.*'-ˢR ,0ᶠ :+$!0ᶠ 6ᶠ$,0ᶠ5' $Sˢ ,0ᶠ 80%#
>)JL'1,0-ˢ 0.*'-ˢ;0.%-ˢ,'+ˢ1 #3ˢ 4%#3+ˢ$,0ᶠ
#0%!ᶠ;0.'--'-.ˢ 6ᶠ +8+$04%$'2ᶠ #%$' -%!ᶠ $#%'-9

'-.ˢ 6ᶠ 40-$%!ᶠ 50602$'70+ˢ 1,'2,ˢ,%+ˢ. -0ᶠ -ˢ
1'$, *$'-$0##*:$'-ˢ 6# 4ˢ $,%$' 5%8ᶠ $ˢ $,'+ˢ
-ˢ>)MM%2 44'++'-ˢ 6ˢ$,0ᶠ 2%5048ᶠ 6ᶠ 2'0-20+ˢ
6ᶠ %#'+ˢ#0: #$05ˢ%6$0#%ᶠ 4 +$ 2%#06*!ᶠ 0E%4'-%9
$'-ˢ 6ᶠ 0.*'-▯+ˢ 40$, 5+ˢ$,%$ᶠ:#07' *+ˢ$ˢ$,0ᶠ
;0.'--'-.ˢ 6ᶠ,'+ˢ 1 #3ˢ'-ˢ>)JL'5' $+ˢ2 *!5ˢ-$
;0ᶠ05*2%$05ˢ # 2*#05ˢ;8ˢ%-8ᶠ40%-+ˢ:#07' *+!8ᶠ
3-1-ˢ # :#%2$'205ˢ;*$$,%$ᶠ,0ᶠ,%5ˢ+ !705ˢ
$,0ᶠ:# ;!04ˢ +ˢ+ˢ 6$0-ˢ,%:0-+''-ˢ$,0ᶠ6'#+$
6!*+,ˢ 6ᶠ%-01ˢ5'+2 70#8ᶠ.#0%$0#ᶠ, :0+ˢ%#0ᶠ'-9
5*!.05ᶠ'-ˢ$,%-ˢ2%-ˢ070#ˢ;0ᶠ#0%!'G05ˢ *$$ˢ
$,'+ˢ6%!+0ᶠ;0!'06ᶠ$,%$'5' $+ˢ2 *!5ˢ;0ᶠ2*#05ᶠ1%+ˢ
-5;$05!8ᶠ5*0ᶠ4*2,ˢ 6ᶠ$,0ᶠ%2$'7'$8ᶠ$,%$
+ -ˢ%::0%#05ˢ%-5ᶠ:0#,%:+ˢ-'+4%!ᶠ:%#$ 6ᶠ*#
:#0+0-$0U*':40-$ˢ$, *.,ˢ$,0ᶠ0## # 1%+ˢ+ -ˢ
5'+2 70#05ˢ ,*+ˢ %570#$'+05ˢ 0.*'-▯+ˢ 1 #3ˢ
%$$#%2$05ˢ 4%-8ᶠ 7'+'$ #+ˢ ;$,ˢ %$ᶠ , 40ᶠ %-5ᶠ
%;# %5
,0ᶠ6!#+$'-+$'$*$'-ˢ6 #ᶠ'5' $+ˢ,%5ˢ;00-ˢ0+9
$%;!'+,05ᶠ'-ˢ 0#4%-8ᶠ'-ˢ>)JQᶜ /'6 #ᶠ$,0'# 2%#0ˢ
-$ˢ6 #ᶠ$,0'# 05*2%$'-ˢ -ˢ >)M>ˢ%-$,0#ᶠ'-9
+$'$*$'-ˢ6 #2#0$'-+ˢ1%+ˢ6 *-505ᶠ;8ˢ$,0ᶠ6%4 *+ˢ
#ˢ *..0-;*,!ᶠ -ˢ$,0ᶠ ;0-5;0#.ˢ-0%# -$0#9
!%30-ˢ *..0-;*,!ᶠ ,%5ᶠ [$,0ᶠ +%40ᶠ 4'+$%30-ˢ
'50%$,%$,0ᶠ2 *!5ᶠ2*#0ᶠ$,0ᶠ2#0$'-+ˢ;8ᶠ.0$$'-.ˢ
$,04ˢ*:ˢ1,0#0ᶠ$,0#0ᶠ1%+ˢ. 5ᶠ%'# %-5ᶠ.'7'-.ˢ
$,04ˢ. 5ᶠ6 5ᶠ%-5ᶠ0E0#2'+0ˢ '+ˢ'-+$'$*$'-ˢ
!%+$05ᶠ$10-$8ᶠ80%#+ˢ%-5ᶠ1%+ˢ$,0-ˢ2! +05ˢ *$
6ᶠ$,0ᶠ'-+:'#%$'-ˢ6# 4ˢ *..0-;*,!▯+ˢ1 #3ˢ1%+ˢ
6 *-505ᶠ%-ˢ'-+$'$*$'-ˢ'-ˢ %$,ˢ -.!%-5ˢ%-5ᶠ
-0ᶠ'-ˢ %!5 7%-ˢ -0%# *-500ˢ 2 $!%-5ˢ
4 -.ˢ$,+0ᶠ'-+:'#05ᶠ;8ˢ #ˢ 0.*'-ˢ%-5ˢ,'+ˢ
+2, !ᶠ6 #ᶠ'5' $+ˢ %$ᶠ '20$#0ᶠ1%+ˢ #ˢ %4*0!
ˢ 10ᶠ6ˢ$,0ᶠ!'-5ˢ +8!*4ˢ%$ᶠ *$,ˢ +$ -ˢ
0ᶠ1%+ˢ+ˢ 4*2,ˢ'4:#0++05ᶠ$,%$ᶠ'-ˢ >)M)ˢ,0ᶠ
+$%#$05ᶠ%2!%++ˢ6 #ᶠ$,0ᶠ$#%'-'-.ˢ 6ᶠ'5' $+ˢ ,'+ˢ
!05ᶠ$ˢ$,0ᶠ6 *-5'-.ˢ 6ᶠ$,0ᶠ %++%2,*+0$$+ˢ 2, !ᶠ
6 #ᶠ 5' $'2ˢ%-5ᶠ 00;!0?4'-505ᶠ *$,ˢ'-ˢ >)Q>ˢ
01ˢ #3ˢ0+$%;!'+,05ᶠ%-'-+$'$*$'-ˢ%; *$$,0ᶠ
+%40ᶠ$'40ˢ ,0#0ᶠ,%5ᶠ%!+ˢ ;00-ˢ+$%#$05ᶠ%
:#'7%$0ᶠ+2, !ᶠ%$ %##0ˢ %++ˢ+, #$!8ᶠ;06 #0ᶠ
$,'+
!!ᶠ 6ᶠ$,0+0ᶠ'-+$'$*$'-+ˢ 10ᶠ4*2,ˢ$ˢ #ˢ
0.*'-ˢ1,ˢ,%5ᶠ2 40ᶠ$ˢ 40#'2%'-ˢ>)QKᶜ -ˢ
%22 *-$ᶠ6$,0ᶠ: !'$'2%!ᶠ+'$*%$' -ˢ''-ˢ #%-20ˢ 0ᶠ
5'5' 4*2,ˢ:0#+ -%!ᶠ 1 #3ˢ6 #ᶠ$,0ᶠ$#%'-'-.ˢ 6ᶠ509
602$'70+ˢ'-ˢ%!ᶠ$,0+0ᶠ0%#!8ᶠ 40#'2%-ˢ'-+$'$*$' -+ˢ
0.*'-▯+ˢ 1 #3ˢ1%+ˢ0: 2,?4%3'-.ˢ 0ᶠ,'4+0!6
2%!!05ᶠ'$ᶠ$,0ᶠ:,8+' !.'2%!ᶠ 40$, 5ˢ $ᶠ 4'.,$
&*+$ %+ˢ 10!!ᶠ;0ᶠ2%!!05ᶠ$,0ᶠ:+82, !.'2%!ᶠ 40$, 5ˢ
0E20:$ˢ$,%$ᶠ':ˢ,'+ˢ5%8ᶠ$,%$ᶠ 3'-5ᶠ 6ᶠ:+82, !.8ᶠ
1%+ˢ*-3-1-ˢ;*$ᶠ,0ᶠ:# 200505ᶠ$ˢ%-%!8G0ᶠ$,0ᶠ
+'$*%$'-ˢ%-5ᶠ2 -2!*505ᶠ$,%$ᶠ'-ˢ%;0'-.ˢ1,0#0ᶠ
$,0ᶠ -0#7 *+ˢ +8+$04ˢ%-5ˢ;#%'-ˢ1%+ˢ*-5070! :05ˢ
1%+ˢ ;%5!8ᶠ 5070! :05ˢ $,0ᶠ 6'#+$ '4:#$%-$
$,'-.ˢ$ˢ5ˢ1%+ˢ$ˢ%::0%!ˢ$ˢ$,%$ᶠ ;#%'-ˢ$,# *.,ˢ
$,0ᶠ +0-+0ᶠ #.%-+ˢ;8ˢ+:02'%!ᶠ 40$, 5+ˢ 0ᶠ%29
2 #5'-.!8ᶠ507'+05ᶠ0!%; #%$0ᶠ+8+$04+ˢ 6ᶠ$#%'-'-.ˢ
$,0ᶠ,%-5ᶠ%-5ᶠ$,0ᶠ+0-+0+ˢ 6ᶠ$%+$0ᶠ%-5ᶠ+40!!ˢ%-5ᶠ
$,0ᶠ080ᶠ%-5ᶠ0%#ˢ # 0E%4:!0ᶠ,0ᶠ+%8+ˢ&, (!ˢ
ˢ ˢ ˢ2!ˢ'+ ! (ˢ 6ᶠ
:'O)F< R' *# '-+$#*40-$+ˢ 6ᶠ$0%2,'-.ˢ4*+$;0ᶠ
$, +0ᶠ$,%$ᶠ.'5'#02$!8ᶠ$ˢ$,0ᶠ:'-$ˢ -ˢ7'01ˢ 6ᶠ
$,%$ᶠ -020++'$8ᶠ 10ᶠ 4*+$ᶠ *+0ᶠ ;&02$ᶠ :'2$*#0+ˢ
:, $.#%:,+ˢ2%#5+ˢ:%$$0#-+ˢ6'.*#0+ˢ 1%E'2!%8

+2'++ #+' 2 4 :%++0+' .!%++0+' :0-2'!+' 2 ! #+' 070-' ; 3+ S' 8'+*2,' 40$, 5+'%-5''-5'7'5*%!' $#0%$40-$' ,0' %22 4 :!'+,05'!'$%!0' +, #$' 6' 4'#9 %2!0+' '-' $,0' $#%'-'-.' 6' '5' $'2' %-5' '4;02'!0' 2,'!5#0-' $' *.,$' $ ';0' +%'5''-':%++'-.' $,%$' ,'+' 40$, 5+',%70' :# ;%;!8',%5'070-' 4 #0''-9 6!*0-20' *: -' $,0' $#%'-'-.' 6' - #4%!' 2,'!5#0-' $,%-' *: -''5' $+' '+' ; 3'H2'$05'%; 70F'+'% 2!%++'2' $ ';0'#0%5'; 8'070#8'+$*50-$' 6':05%. .8' # $,0' $0%2,0#+' 6' $,0' 600;!0?4'-505''$' 1%+' %!4 +$'$,0'+ !0'%*$. #'$8'6 #6 #$8'80%#+' 70-' 80$'$'+'$,0'6'#+$; 3'$ ';0'#0%5'; 8'%-8'+$*50-$' 6' $,0'+*;&02$

-' $,0'-0E$'U*%#$0# 20-$*#8' $,0#0' 10#0'+070-' +$%$0'%-5'$1 ':#'7%$0''-+$'$*$' -+' 0+$%;!'+,05' -0' 6' $,0':#'7%$0'+2, !+' 1%+' 6 *-505',8' 0.*'-','4+0!6'%-5''+'+$!' 4%'-$%'-05'%$' #%-.0' ('; 8' #' 0.*'-▯+' 1'5 1' *#'-.' $,0'!%+$' $,'#$8'80%#+' '-+$'$*$' -+',%70' 4*!$':!'05'*-$'!' $,0#0'%#0' - 1' $,'#$8?6 *#'+$%$0''-+$'$*$' -+''-' $10-$8?+'E' +$%$0+' ,0#0'%#0'%!+'%; *$' $,0'+%40' -*4;0# 6' :#'7%$0''-+$'$*$' -+' ,0'+$%$0''-+$'$*$' -+'%#0'! 2%$05'%+'6 !! 1+† %'-0' , 50' +!%-5' %++%2,*+0$$+' HNF' 01' %4:9 +,'#0' --02$'2*$' 01' #3' HQF' 01' (0#+08' HNF' 0--+8!7%-'%' HJF' %#8!%-5' 0+$' '#9 .'-'%' 0-$*238' ,' '-5'%-%'!!'-'+' '2,'9 .%-' '+2 -+'-' '--0+ $%' '++ *#'' 1%' #$,' %3 $%' *$,' %3 $%' %-+%+' 0;#%+9 3%' -$%-%' %+,'.$ -' %-5' %!'6 #-'%' ,0#0'%#0'%:: # E'4%$0!8' >O KKK' 600;!0?4'-505' :0#+ -+' '-' $,0+0' +$%$0''-+$'$*$' -+' ; *$')KK' 4 #0'%#0';0'-.' 2%#05'6 #' -' $,0' :#'7%$0''-9 +$'$*$' -+' -' $,0'70#8'2 -+0#7%$'70'0+$'4%$0' $,%$' $,0#0'%#0' $1 ' 600;!0?4'-505' :0#+ -+' '-' 070#8' $, *+%-5' 6' $,0' : :*!%$' -' $,0#0'%#0''-' $,0' -'$05' $%$0+' >)K KKK' +*2,' :0#+ -+' $' '+' $,*+' +00-' $,%$'!0++' $,%-' -0' $0-$,' 6' $,04' %#0';0'-.' 2%#05'6 #' ,0' #0+$' %#0' %$' !%#.0' 4%'-!8' %; *#50-' *: -' $,0' 2 4 4*-'$8' 0%#!8' %!' 6' $,0''-+$'$*$' -+',%70'!%#.0'1%'$'-.' !'+$+' 6' 2,'!5#0-' 1,' 2%-- $;0' %54'$$05';09 2%*+0' $,0#0''+ - $' # 4 ' ,0' :0# 2%:'$%' 2 +$' '-' +$%$0''-+$'$*$' -+' 7%#'0+' 6# 4' ^>NN' $ ' ^NQK' %22 #5'-.' $ ' $,0' ! 2%$' -' 6' $,0''-+$'$*$' -'%-5' $,0#4 #0' # !0++' 6%7 #%;!0' 2 -5'$' -+' ,0' :#'7%$0''-+$'$*$' -+' %#0' 4 +$!8' 1-05' %-5' 4%-%.05';8':#'7%$0''-5'7'5*%!+'%-5' %#0'+*:9 : #$05';8'$,0'600+' # 4'^OKK' $ '^>NKK' %80%#'+' $,0'*+*%!' 2,%#.0'6 #' %2,'!5' 0%#!8'%!' 6' $,0+0''-+$'$*$' -+' 4%'-$%'-'+2, !'50:%#$40-$+' '-' 1,'2,'$#%'-'-.'+' 5 -0' 4 #0' # !0++' -' :*;!'2' +2, !' !'-0+

+' +%'5'%; 70' #' 0.*'-' 1%+' $,0'6'#+$' $ ':*$' $,0'05*2%$' -' 6' $,0''5' $ -' %+2'0-$'6'2' ;%+'+' '-20' $,'+' $'40'2,%-.0+',%70'$%30-' :!%20'%! -.' $1 '!'-0+' '#+$''$' 1%+'5'+2 70#05'$,%$'1'$, *$ 0.*'-▯+'+4%!!' .# *:+' %-5' '-5'7'5*%!' '-+$#*29 $' -' 1,'2,'1%+''4:#%2$'2%;!0''-'!%#.0'+$%$0''-9 +$'$*$' -+' 0.*'-:+'#0+*!$+'10#0' - $'%$$%'-%;!0' ,'+'!05'$'$,0'%;%-5 -40-$'$''%'!%#.0'0E$0-$ 6'$,0'066 #$+'%$'$#%'-'-.' %#$ 6'$,0'5'66'2*!$8' 1%+' *-5 *;$05!8' 5*0' $ '%6%'!*#0' $ '6 !! 1' 0.*'-▯+' 40$, 5+':%#$'$''$,0' %$$04:$'$''5 '-$0!!02$*%!' +2, !' 1 #3' -' $,0' $,0# ,%+';00-'%'$0-50-28'$''$%30''-$''$,0''-+$'9 $*$'-+'%$8:0' 6'2,'!5' 6',.,0# .#%50'$,%-' 09 .*'-' 1 #305'1'$,''%-5' -0'1, +0'70#8'%:0%#9 %-20'$04:$05'+$# -.!8'$ 1%#5'%,',.,0# .#%50' 6' '-$0!!02$*%!' $#%'-'-.' ,'+':# 205*#0'1%+'6*#9 $,0#+$'4*!%$05';8'$,0'6%2$'$,%$'$,0'40-$%!'509 602$'70' 6$0-',%+'%-'0E20!!0-$'404 #8'%-5'2 -9 +0U*0-$!8'%+! -.'%+','+'$#%'-'-.'1%+'$0+$05';8' $,0'U*0+$'-'%-5'%-+10# 40$, 5',0'2 *!5' 4%30'%. 5'+, 1'-.'%-5'.'70';%23'1,%$',%5' ;00-'$%*.,$','4'1'$,'%70#8'.#%$'68'-.'%22*9 #%28'-'2 -+0U*0-20'$,0'+2, !'50:%#$40-$+' ,%70''-'$,0+0'!%$0#80%#+';02 40'70#8':# 4'9 -0-$' ,%$'$,0'600;!0?4'-505'2,'!5'2%-' ;0' $#%'-05''+'%6%2$'-1'#%$,0#.0-0#%!!8'%220:$05' %-5'%2$05'*:-' ,0#0'%#0'$,+0', 1070#' 1,'4%'-$%'-'$,%$'$,0'$#%'-'-.'2%-' -!8';0' +*220++6*!'%!-.''-5*+$#'%!'!'-0+ ,0#0'%#0'$,0-'$,#00'$8:0+'6'+2, !+''-'$,0' '-+$'$*$' -+' '#+$' $,0#0'%#0' $, +0' 1, +0' '50%!'+'R'%+'-0%#!'30'%:*;!'2'+2, !'%+:++';!0'S' ,0+0',%70'$,0'# 3'-50#.%#50-'6'#+$':#'4%#8' +02 -5':#'4%#8'%-5'+' -'*+*%!!8'$'%;*$' $,0'$,'#5'#6 *#$,'.#%50'6':*;!'2'+2, !'1#3' ,0'$,#00'▯+'2 40''-'6 #6*!#02 .-'$'-'%-5' ;0+'50+'$,0+0'.0.#%:,8'%-5',+$#8'%#0'.'70-' + 40'%$$0-$'-'$.0$,0#1'$,'4#0'#!0++'4%-9 *%!'$#%'-'-.' ,0'+02 -5'$8:0'2 4:#'+0+'$,+0' +2, !+'1,0#0'4%-*%!'$#%'-'-.''+'.'70-'$,0'2,'06' 04:,%+'+'%-5'$,0'$,#00'▯+'$%30'%+02 -5%#8' :!%20' ,0+0'+2, !+',%70'0E$0-+'70'+,:+' %-5'507$0':#;%+!8',%!6'$,0'$'40'$'1 51#3' ;%+30$#8'3-'$$'-.' +01'-.' 5 40+$'2'+2'0-20' 0$2' ,0'$,0#,%!6'6'$,0'$'40''+'507$05'$' #0%5'-.'%-5'1#'$'-.'1'$,'+40'-*4;0#1#3' $,*.,''$'5 0+'-$'.'%+'6%#%+'-'$,0'$,0#.#*:' # 5'$,0+0'+2, !+'%$$04:$'$''$#%'-'%!!'$,0'2,'!5#0-''-2!*5'-.'$,0'!10+$'.#%50+'6' 50602$'70+''-'$,0+0'!'-0+' %+$!8'$,0#0''+'$,0' .#*:'+4%!'%+'80$';*$%::%#0-$!8'.#1'-.' 1','+'4%'-$%'-+'$,%$'$,0'-$0!!02$*%!'1#3''+ :#%2$'2%!!8'*+0!0+'$'%!'!';*$'%-0.!'.';!0'4'-#9 '$8'6'40-$%!'50602$'70+'%-5'+,*!5'$,0#06#0' ;0'5'+2%#505' $'+'4%'-$%'-05'$,%$'$,0'%:9 :%#0-$'#0+*!$+';$%'-05';8'$,+0'1,'$0%2,'$,0+0' $,'-.+'%#0'4+$!8'-!8'%:%#0-$'$,0'2,'!5'+'4:!8' ;0'-.'%;!0'$'#0:0%$'1,%$',%+';00-'$%*.,$',' 4' 1'$,*$'*-50#+$%-5'-.''$<'%-5'1,0-'-$'+'4:!8' %:%#0-$',%70';00-';$%'-05'%$'$'.#0%$'%-' 0E:0-5'$*#0'6'$'40'%-5'0-0#.8'#$,0'.#0%$' 1%+$0'6'$,0'2,'!5▯+::#$*-'$8'%-5'.5'5'+:+'9 $'-' ,'+''+'$,0$,0#8';*$'$',%+-$'6*!!8' 0-*.,'5070!:05''-':#%2$'20'-'%-8'-+$'$*$'-, +0'1,',!5'$,0'7'01'!%8'.#0%$'+$#0+*:-' 4%-*%!'%-5'-5*+$#'%!'$#%'-'-.'%-5'%22 4:!'+,' .#0%$'#0+*!$+'%!-.'$,0+0'!'-0+' ,0'2,'!5#0-' %#0',%:8'%-5'5070!:''-$'4#0'#!0++'+06*!' 1#30#+'%$'+40'22*:%$'-'; *$'$,0+0'+%40' +2, !+'+$'!!'$0%2,'#0%5'-.'1#'$'-.'%-5'-*4;0#+' $'+40'0E$0-$'4%'-!8';02%*+0':%#0-$+'%-5' 070-'$,0'!%#.0#:*;!'2'504%-5''$' ,'2,'6' $,0+0'$,#00'7'01+'1'$,'$,0'#2##0+:-5'-.' :#%2$'20+''+#'.,$'$'+':0#,%:+$ '+ -'$'+%8' 0$'20#$%'-'6%2$+'%#0'%.#005'*:-''00;!09 4'-505-0++'+'70#8'!%#.0!8'%-'-,0#'$05'2-5'?

$' -ˢ #%$!0%+$'$,0ᶠ#0+*!$ 6ᶠ'-,0#'$05ᶠ10%3-0++ˢ ˢ 600;!0?4'-505ᶠ :0#+ -ˢ 2%-ˢ -070## 2 4 :0$0ᶠ +*220++6*!!8ᶠ'-ˢ$,0ᶠ+$#*..!0ᶠ6 #ᶠ0E'+$0-20ˢ 70-ˢ $,0ᶠ ; #50## !'-0ᶠ2%+0+ˢ$,%$ᶜ %#0ᶠ$#%'-05ˢ %-5ˢ+0-$ *$ˢ'-$ˢ$,0ᶠ1 #!5ˢ ;%#0!8ᶠ030ᶠ *$ᶜ%-ˢ0E'+$0-20ᶠ 1,0-ˢ2 -5'$' -+ˢ%#0ᶠ4 +$'6%7 #%;!0ˢ -ˢRˢ,%#5ᶠ $'40+ˢJˢ$,08ˢ%#0ᶠ'-7%#'%;!8ᶠ$,# 1-ˢ *$ᶜ6ᶠ049 :! 840-$ˢ%-5ˢ 6$0-ˢ0-5ˢ*:ˢ'-ˢ$,0ᶠ%!4+, *+0ᶠ/ˢ + 40$'40+ˢ$,0ᶠ&%'!ˢ '$,ˢ$,0+0ᶠ2,'!5#0-ˢ$,0ᶠ : 10## 6ᶠ2 -20:$*%!ᶠ$,'-3'-.'+ˢ%!4 +$0-$'#0!8ᶠ !%23'-.ˢ ,08ˢ 4*+$ˢ,%70ᶠ$,0ᶠ2 -2#0$0ˢ%-5ˢ 070-ˢ$,0-ˢ'$ˢ4*+$ˢ;0ᶠ70##ᶠ+'4:!0ᶠ%-5ˢ 6$ˢ#09 :0%$05ˢ ;+$#%2$'-+ˢ %#0ᶠ :#%2$'2%!!8ᶠ'4: +9 +';!0ˢ $$0-$'-ˢ'+ˢ %!4 +$ᶜ1, !!8ᶠ 6ᶠ$,0ᶠ '-7 !*-$%#8ᶠ3'-5ˢ '!!ˢ: 10## %-5ˢ+0!6?2 -$# !ˢ %#0ᶠ,%#5!8ᶠ2%:%;!0ᶠ 6ᶠ5070! :40-$,0ᶠ+'E$8ᶠ80%#+ˢ 6ᶠ066 #$ᶜ'-ˢ05*2%$'-.ˢ$,0ᶠ 50602$'70+ˢ,%+ˢ-070## +, 1-ˢ$,%$ᶜ$,0ᶠRˢ'-$0!!029 $*%!ᶠ +$*5'0+ˢJˢ5070! :05ˢ$,0'## 4'-5+ˢ%$ᶜ%!!ˢ -ˢ$,0ᶠ $,0## ,%-5ˢ4%-8ᶠ$,%$ᶜ,%70ᶠ,%5ˢ$,'+ˢ $#%'-'-.ˢ ,%70ᶠ:# 705ˢ!%$0#ˢ$ˢ ;0ᶠ!0+ˢ*+06*!ᶠ $,%-ˢ $,0#+ˢ 6ᶠ$,0ᶠ+%40ᶠ.#%50ᶠ1, ˢ ,%70ᶠ;00-ˢ $#%'-05ˢ -!8ᶠ%! -.ˢ4%-*%!ᶠ!'-0+ˢ $ᶜ;0+$ᶜ$,08ᶠ -070## :# .#0++ˢ%$ᶜ 4 #0ᶠ$,%-ˢ,%!6ᶠ$,0ᶠ#%$0ᶠ 6ᶠ - #4%!ᶠ2,!5#0-ˢ ,08ˢ+0!5 4ˢ5070! :ˢ%$ᶜ%!ᶠ %6$0#$10-$8ᶠ80%#+ˢ 6ᶠ%.0ˢ $ᶜ'+ˢ%#%#0ᶠ$,'-.ˢ$ˢ 6'-5ˢ -0ᶠ6ᶠ1,%$070## %.0ᶠ1, ˢ,%+ˢ%ˢ.#0%$0## '-9 $0!!02$*%!ᶠ %$$%'-40-$ᶜ$,%-ˢ%ˢ - #4%!ᶠ2,!5ˢ 6ᶠ 0!070-ˢ%-5ˢ$,0#0ᶠ%#0ᶠ:# ;%;!8ᶠ- -0ᶠ'-$0!!02$*%!!8ᶠ 70##$10!70ˢ 06$ᶜ$ˢ$,04+0!70+ˢ%!4 +$ᶜ- -0ᶠ6ᶠ $,04ˢ1 *!5ˢ%+3ˢ$ˢ ;0ᶠ$%*.,$ᶜ$ˢ#0%5ˢ # 1#'$0ᶠ # 2 *-$ᶜ *$ᶜ$,08ᶠ5ˢ%+3ˢ$ˢ'5ˢ4%-*%!ᶠ$#%'-'-.ˢ %-5ˢ1'!!ᶠ 1 #3ˢ :%$'0-$!8ᶠ%-5ˢ2 -$0-$05!8ᶠ%$ᶜ'$ˢ ,0ᶠ2#*2'%!ᶠ$0+$ˢ, 1070##'+1ᶠ1,%$ᶜ+ #$ᶜ6ᶠ!'70+ˢ %#0ᶠ$,0+0ᶠ2,'!5#0-ˢ.'-.ˢ$ˢ!'70cˢ ,%$ᶜ3'-5ˢ6ᶠ 05*2%$'-ˢ1'!!ᶠ;0ᶠ6ᶠ4 +$ᶜ*+0ᶠ$ˢ$,04cˢ ,'+ˢ U*0+$'-ˢ%.%'-ˢ50:0-5+ˢ6 # '$+ˢ%-+b 0#ˢ*:-ˢ 1,%$ᶜ+2'0$8ᶠ502'50+ˢ%+ˢ$ˢ'$+ˢ#0+:-+';'!'$8ᶠ6 # $,0+0ᶠ2,'!5#0-ˢ 6'%+ˢ+00 4+ˢ!'30!8ˢ,'+ˢ2-5'9 $'-ˢ'+ˢ$#%-+4'++';!0ˢ$,0-ˢ+2'0$8ᶠ*.,$ᶜ$ˢ2-9 $#!ˢ$,0ᶠ+'$*%$'-ˢ';8ˢ300:'-.ˢ$,0+0ᶠ2,'!5#0-ˢ'-ˢ '-+$'$*$'-+ˢ6 # !'60ˢ #%2$'2%!!8ᶠ%!!ᶠ:0#+-+ˢ'-ˢ 2%#0ᶠ6ᶠ$,0+0ᶠ2,'!5#0-ˢ%#0ᶠ%.#005ˢ$,%$ᶜ$,'+ˢ'+ˢ$,0ᶠ :# :0##$,'-.ˢ$ˢ;0ᶠ5 -0ˢ 6ᶠ$,%$ᶜ'+ˢ5 -0ˢ$,0-ˢ $,0ᶠU*0+$'-ˢ'+ˢ#%$,0## 0%+'!8ᶠ%-+10#05ˢ ,08ˢ ,%70ᶠ-ˢ-005ˢ6 # #0%5'-.ˢ%-5ˢ1#'$'-.ˢ;02%*+0ᶠ $,08ˢ2%-ˢ;0ᶠ4%50ᶠ4 #0ᶠ*+06*!ᶠ%-5ˢ4*2,ˢ4 #0ᶠ ,%::8ᶠ;8ˢ$,0##4 0%-+ˢ *$ᶜ070-ˢ'6ᶠ$,08ˢ2%-9 -$ᶜ;0ᶠ30:$ᶜ'-ˢ$,0ᶠ'-+$'$*$'-ˢ5ˢ$,08ˢ$,0-ˢ-005ˢ $ˢ;0ᶠ$%*.,$ᶜ#0%5'-.ˢ%-5ˢ1#'$'-.cˢ -ˢ%-+10#9 '-.ˢ$,'+ˢ$1ˢ$,'-.+ˢ 4*+$ᶜ;0ᶠ2 -+'50#05< 6'#+$ᶜ $,0ᶠ.#0%$ᶜ5'66'2*!$8ᶠ$,08ˢ,%70ᶠ'-ˢ!0%#-'-.ˢ%-5ˢ +02 -5ˢ$,0ᶠ6%2$ᶜ$,%$ᶜ$,0ᶠ!'$$!0ᶠ$,08ˢ1'!!ᶠ070## ;0ᶠ %;!0ᶠ$ˢ!0%#-ˢ1'!!ᶠ%$ᶜ;0+$ᶜ;0ᶠ 6ᶠ70##ᶠ!'$$!0ᶠ*+0ᶠ$ˢ $,04ˢ%-5ˢ%$ᶜ$,0ᶠ1 #+$ᶜ+0#70+ˢ'-ˢ+ 40ᶠ'-+$%-20+ˢ $ˢ.0$ᶜ$,04ˢ'-$ˢ$# *;!0ᶠ 6ᶠ -0ᶠ+#$ᶜ #%- $,0#ˢ 0#,%:+ˢ'$ᶜ'+ˢ;0$$0## $ˢ300:ˢ$,04ˢ'-ˢ'.- #%-20ᶠ $,%-ˢ$ˢ .'70ᶠ$,04ˢ3- 1!05.0ᶠ1'$, *$ᶜ4 #%!ᶠ 2 -$# !ˢ/ˢ1,'2,ˢ$,08ˢ2%-- $ᶜ!0%#- 70-ˢ 4 #0ᶠ7'$%!ᶠ'+ˢ$,'+ˢU*0+$'-ˢ1,0-ˢ'$ᶜ 240+ˢ$ˢ$,0ᶠ+:02'%!ᶠ 2!%++0+ˢ'-ˢ$,0ᶠ:*;!'2ᶠ +2, !+ˢ H 00ᶠ , ' % ˢ %** *5ˢ -ˢ >PKJᶠ $,0ᶠ01ˢ (0##08ᶠ#%'-'-.ˢ2, !ˢ6 # 00;!09 4'-505ˢ'#!+ˢ%-5ˢ 8+ˢ:0-05ˢ%+*440## +2, !ˢ6 # $#%'-'-.ˢ$,0ᶠ$0%2,0#+ˢ6ᶠ600;!09 4'-505ˢ2,'!5#0-ˢ ,'+ˢ1%+ˢ$,0ᶠ6'#+$ᶜ%$$04:$ᶜ $ˢ.'70ᶠ6#4%!ᶠ$#%'-'-.ˢ$ˢ$,+0ᶠ1,ˢ10##0ᶠ'-9 $0-5'-.ˢ$ˢ$0%2,ˢ+*;-#4%!ᶠ2,'!5#0-ˢ #09 7'*+ˢ$ˢ$,%$ˢ0%2,ˢ'-+$'$*$'-ˢ,%5ˢ0'$,0## +09 2*#05ˢ$0%2,0#+ˢ6# 4ˢ$,0ᶠ:*;!'2ᶠ+2, !+ˢ #ˢ,%5ˢ $#%'-05ˢ*:ˢ'$+ˢ 1-ˢ$0%2,0#+ˢ 6$$'40+ˢ:# 4 $'-.ˢ %$$0-5%-$+ˢ #ˢ $,0#+ˢ 1,ˢ,%70ᶠ+, 1-ˢ+:02'%!ᶠ %;'!'$8ᶠ 1'$,ˢ+*2,ˢ2,'!5#0-ˢ '-20ᶠ$,%$ᶜ$'40ᶠ $,0ᶠ1#3ˢ,%+ˢ.# 1-ˢ;$,ˢ%$ᶜ '-0!%-5ˢ%-5ˢ0!+09 1,0#0ᶠ -ˢ$,0ᶠ6#40##:!%20ᶠ$,0ᶠ+2, !ˢ'+ˢ+$'!ᶠ 4%'-$%'-05ˢ%-5ˢ$0%2,0#+ˢ240ᶠ6# 4ˢ%!ᶠ:%#$+ˢ 6ᶠ$,0ᶠ -'$05ˢ $%$0+ˢ$ˢ$%30ᶠ$,0ᶠ2*#+0ˢ $ᶜ'+ˢ +$'!ᶠ$,0ᶠ-!8ᶠ:!%20ᶠ1,0#0ᶠ$0%2,0#+ˢ2%-ˢ,%70ᶠ% 2*#+0ᶠ1'$,ˢ%4 50!ᶠ+2, !ˢ6ᶠ600;!0?4'-505ˢ 2,'!5#0-ˢ1,0#0ᶠ$,08ˢ2%-ˢ;+0#70ᶠ%-5ˢ:#%2$'20ˢ %-8ˢ*-'70#+'$'0+ˢ, 1070#ˢ,%70ᶠ:*$ᶜ'-ˢ2*#+0+ˢ -ˢ50602$'70ᶠ2,'!5#0-ˢ%4 -.ˢ$,0ᶠ#0+$ˢ !*49 ;'%ˢ 01ˢ #3ˢ -'70#+'$8ˢ,'2%.ˢ$,0ᶠ-'70#9 +'$8ᶠ6ᶠ 0--+8!7%-'%ˢ%-5ˢ$,0ᶠ -'70#+'$8ᶠ6ᶠ %+,'-.$ -ˢ 40ᶠ-#4%!ᶠ+2, !+ˢ,%70ᶠ;0.*-ˢ $ˢ.'70ᶠ%ᶠ!'$$!0ᶠ%$$0-$'-ˢ$ˢ$,0ᶠ+*;&02$ˢ%-5ˢ'-ˢ %++%2,*+0$$+ˢ%!ᶠ$,0ᶠ+$%$0ᶠ-#4%!ᶠ+2, !+ˢ%##0ᶠ #0U*'#05ˢ$ˢ.'70ᶠ+40ᶠ-+$#*2$'-ˢ'-ˢ$,0ˢ$#%'-'-.ˢ 6ᶠ;%231%#5ˢ%-5ˢ50602$'70ᶠ2,'!5#0- -ˢ$*#-'-.ˢ6# 4ˢ2-5'$'-+ˢ'-ˢ 40#'2%ˢ$ˢ -.!%-5ˢ%ᶠ+'4'!%#+$%$0ᶠ6ᶠ%66%'#+ˢ'+ˢ6*-5ˢ -5-ˢ,%+ˢ-0ᶠ!%#.0ᶠ'-+$'$*$'-ˢ%$ᶜ %#0-$,ˢ 4%-%.05ˢ;8ˢ$,0ᶠ 0$# :!'$%-ˢ+8!*4+ˢ %#5ˢ ,'+ˢ,%+ˢNKKKˇ2,'!5#0-ˢ ,0'## 05*2%$'-ˢ'+ˢ%!9 4+$ᶜ%!ᶠ 4%-*%!ᶠ$#%'-'-.ˢ1,'2,ˢ!0%5+ˢ$,04ˢ 5'#02$!8ᶠ'-$ˢ$,0ᶠ+, :+ˢ1,0#0ᶠ$,08ˢ1 #3ˢ,%::'!8ᶠ %$ᶜ$,0'#Rˢ$#%50ᶠSˢ%!ᶠ$,0'#!'70+ˢ ,0#0ᶠ%#0ᶠ6'70ᶠ !%#.0ᶠ'-+$'$*$'-+ˢ 6ᶠ%+04'?:#'7%$0ᶠ2,%#%2$0#ˢ ,08ˢ%#0ᶠ.0-0#%!ᶠ'-+$'$*$'-+ˢ6 # %!ᶠ2!%++0+ˢ6ᶠ 2-.0-'$%!ᶠ50602$ˢ%-5ˢ%#0ᶠ;$,ˢ05*2%$'-%!ᶠ %-5ˢ2*+$ 5'%!ˢ ,08ˢ%#0ᶠ4%-%.05ˢ;8ˢ;%#5+ˢ 6ᶠ4%-%.040-$ᶜ%::'-$05ˢ;8ˢ$,0ᶠ+*;+2#';0#+ˢ , *.,ˢ$,08ˢ%54'$ᶜ%::!'2%-$+ˢ6# 4ˢ%!ᶠ:%#$+ˢ 6ᶠ -.!%-5ˢ$,08ˢ%#0ᶠ2,'06!8ᶠ'-$0#0+$05ˢ'-ˢ:%#$'29 !%#.# *:+ˢ 6ᶠ2*-$'0+ˢ 6# 4ˢ1,'2,ˢ$,08ˢ#020'70ᶠ + 40ˢ:*;!'2ᶠ%'5ˢ ,0ᶠ ;&02$ˢ 6ᶠ$,0ᶠ'-+$'$*$'-ˢ '+ˢ;0+$ᶜ*-50#+$ 5ᶠ6# 4ˢ$,0ᶠ6!! 1'-.ˢU* $%$'-ˢ 6# 4ˢ$,0'## 0.*!%$'-+ˢ Rˢ,%$ᶜ$,0ᶠ50+'.-ˢ6ᶠ $,'+ˢ2,%#'$8ᶠ;0ˢ- $ᶜ40#0!8ᶠ$ˢ$%30ᶠ$,0ᶠ'5'$%-5ˢ '4;02'!0ᶠ*-50## '$+ˢ2%#0ˢ;*$ᶜ0+:02'%!!8ˢ;8ˢ$,0ᶠ +3'!!6*!ᶠ%-5ˢ0%#-0+$ᶜ%::!'2%$'-ˢ6ᶠ$,0ᶠ;0+$ᶜ 40%-+ˢ'-ˢ,'+ˢ05*2%$'-ˢ$ˢ''4:# 70ᶠ,'+ˢ;5'!8ᶠ :10##+ˢ%-5ˢ:#0:%#0ᶠ,'4ˢ%+ˢ6%## %+ˢ:++';!0ˢ 6 ## $,0ᶠ5*$'0+ˢ%-5ˢ0-& 840-$+ˢ6ᶠ!'60S ,0#0ᶠ %#0ᶠ%!+ˢ6'70ᶠ'-+$'$*$'-+ˢ'-ˢ$,0ᶠ2*-$#8ˢ$,0ᶠ %#!+1 5ˢ +8!*4ˢ%$ᶜ 05ˢ'!!ˢ *##08ˢ$,0ᶠ +8!*4ˢ6 # $,0ᶠ '5!%-5ˢ *-$'0+ˢ%$ᶜ -1!0ˢ $,0ᶠ 8%!ᶠ;0#$ᶜ +8!*4ˢ6 # $,0ᶠ #$,0#-ˢ *-$'0+ˢ%$ᶜ %-2%+$0#ˢ$,0ᶠ +8!*4ˢ6 # $,0ᶠ %+$90#-ˢ *-$'0+ˢ%$ᶜ !2,0+$0#ˢ%-5ˢ$,0ᶠ 0+$0#-ˢ *-$'0+ˢ +8!*4ˢ%$ᶜ $%#2# ++ˢ ,0#0ᶠ%#0ᶠ%!+ˢ $1ˢ!%#.0ᶠ:#'7%$0ᶠ0+$%;!+,40-$+ˢ -0ᶠ%$ᶜ %4:9 $-ˢ '23ˢ$,0ᶠ$,0## 1-+'50ᶠ 5.0ᶠ +8!*4ˢ %$ᶜ %$,ˢ ,0#0ᶠ%#0ᶠ%!+ˢ 4%-8ˢ:#'7%$0ᶠ, 40+ˢ 6 # $,0ᶠ2%#0ᶠ%-5ˢ$#%'-'-.ˢ 6ᶠ$,0ᶠ50602$'70ᶠ2,'!9 5#0-ˢ +ˢ%#*!0ᶠ$,0ᶠ05*2%$'-ˢ'-ˢ$,0+0ᶠ'-+$'$*9 $'-+ˢ'+ˢ#%$,0## +$#-.!8ᶠ;3'+,ˢ%!$,*.,ˢ+40ᶠ 4%-*%!ᶠ$#%'-'-.ˢ1 #3ˢ'+ˢ'-$0#+:0#+05ˢ #0%$ +$#0+ˢ'+ˢ!%'5ᶠ -ˢ-*4;0## 1 #3ˢ'-ˢ$,0ᶠ -.!'+,ˢ '-+$'$*$'-+

-' #%-20' $,0#0' %#0' -!8' %' 601' '-+$'$*$' -+' ,0' , +:'$%!' 6 #' $,0' '-+%-0' %$ '20$#0' ,%+' % 2,'!5#0-$+' 50:%#$40-$ 1,0#0' %#0' $,0' 600;!09 4'-505' ,0#0' %#0' %!+' '-+$'$*$' -+' %$' %*? 2!*+0'%-5' -5%$' -' %!!OO' /'-0%#' %#'+' ,0+0' ,%70' 4*2,':,8+'2%!' 1 #3'%6$0#$,0'50%' 6' 0.*'-' %-5' !%$0#' 6' *#-07'!!0' ,0#0''+' %!+' 4*2,' 4%-*%!' $#%'-'-.'%-5'+ 40' #0%5'-.'%-5' 1#'$'-.

0#4%-8' ,%+' >K>' '-+$'$*$' -+' 2%#'-.' 6 #' %; *$ NK KKK' '-4%$0+' 0-' 6' $,0+0' %#0' +$%$0' '-+$'$*$' -+' '601' %#0' 2'$8' ;*$'$,0' 4 +$' %#0' :#'7%$0' # 2,*#2,' 0+$%;!'+,40-$+' -' $,0+0' %!+' $,0' 1 #3'7%#'0+' ,08',%70' 4*2,' 4%-*%!?' '-5*+$#'%!' 1 #3' ;*$' %!+' '%2 -+'50#%;!0'%4 *-$ 6'R' '-$0!!02$*%!'S' 1 #3' :002,' $#%'-'-.' 4%8' ;0'+%'5' $' ;0' $,0'# +:02'%!$8' %-5' .#0%$' +$#0++' '+' !%'5' *: -' '$' ,0+0' 2,'!5#0-' !0%70' $,0' '-9 +$'$*$' -+' %$' $,0'%.0' 6'+'E$00-' %-5' .' $' $,0'# , 40+' 0#0' $,0' :%+$ # # + 40' $,0#' :0#+ -' '+'+*:: +05'$' ',%70' %-'080'*: -' $,04' +00' $,%$' $,08' .0$' + 40' + #$' 6' 1 #3' 5' - $' .0$' '-$' $# *;!0' 0$2' 6' 2 *#+0' 4%-8' 6' $,04' 4%##8' %-5' '-' $'40' $,0'# 2,'!5#0-' 2 40' ;%23' $' $,0' '-+$'$*$' -' $' ;0' $#%'-05

,'+' :# ;!04' 6' $,0' %6$0#?2%#0' 6' 40-$%!' 50602$'70+',%+',%#5!8';0.*-'$' ;0'%$$%2305'%-89 1,0#0''-'$,0' 1 #!5' ,0'6 #04 +$':!%20''+''-' 20#$%'-'+$%$0+''-' 40#'2%' 1,0#0'$,0'!%1':#9 7'50+'$,%$'%2,'!5' -20''-'%-''-+$'$*$'-' #09 4%'-+'$,0#0'6 #!'60' ,'+''+'$#*0''-' 01'(0#+08' %-5':#%2$'2%!!8'$,0'+%40'$,'-.''-'-0' #$1' 6' $,0'+$%$0+' 6'$,0' 0+$' 1070#''-'4 +$'2%+0+' '$'+'$,0'+%40',0#0'%+''-' -.!%-5' 0#4%-8' %-5'$,0#' *# :0%-'2*-$#'0+'$,%$'%2,'!5'.0+' *$'1,0-',0''+'%;*$'+'E$00-'80%#+' 6'%.0''6',0' '+'%$'%!!';!0''$' 4%30'%:#0$0-+0'070-' 6'2%#9 '-.'6#',' 4+0!6' ,'+':!'28':#07%'!+'6 '1' $1' #0%+ -+' -'$,0'6'#+$:!%20''%+'+ -'%+'$,0'2,'!5' '+'$#%';!0''$' ;0' :%#$'%!!8' +0!6?+*::#$'-.' #%;!0''$' 0%#-'%'!'$$!0'+ 40$,'-.'$' 2 -$#';*$0' $' $,0'6%4'!8'$,0':%#0-$+'1%-$',' 4'%$', 40'$' ,0!:''-'$,0'+*:: #$' 02 -5!8'$,0'+$%$0'%*$, #9 '$'0+'$,'-3'$,%$'6'%2,'!5''+'$,*+'%;!0'$'$%30'2%#0' 6',' 4+0!6'$,0'+$%$0'+, *!5';0'#0!'0705'6# 4'$,0' ;*#50-' 6',''+*:: #$' -' -.!%-5'$,0#0'%#0' %6$0#?2%#0'2 4 4'$$00+'1,' ,%70'+40' 70#+'.,$' 70#$,0+0'2%+0+'%6$0#$,08',%70'.-0'$'$,0'# , 40+'%-5'+00'$,%$'$,08'5'-$'5'%-8',%#4' #2 40'$' :%*:0#'+4' #2#'4'-%!'!'60' ,'+', 1070#''+' -!8':%#$'%!!8'+*220++6*!'%-5'$,0' +0-$'40-$'+'.# 1'-.'#%:'5!8'$,%$'$,0' -!8'+%60' $,'-.'6#+2'0$8'$'5'+'$':#7'50'6#:0#9 4%-0-$'2*+$5'%!'2%#0' 6'%!!'+*2,'2%+0+''-2!*5'-.' 070-'$,0'70#8',''.,?.#%50'2,'!5#0-'1,':%+'#9 5'-%#'!8'6#-#4%!?'%!$,*.,''-'$,0':*!%#' :,#%+0!.8'R'*-05*2%05'$'+';0'-.'#02.9 -'G05'$,%$'$,0+0'2%+0+'%#0'.0-0#%!!8'40-$%!!8' 50602$'70'%-5'-070#%;!0''$'6*!!8':#7'50'6#' $,04+0!70+',-0+$!8'$,0'#0+*!$';0'-.'$,%$'$,08' 070-$*%!!8',02 40'0'$,0#:%*:0#+'#2#'4'-%!+' $'+'0+$'4%$05'$,%$'JK':0#20-$ 6'%!!'&*70-'!0' 2#'4'-%!+'%#0'600;!0?4'-505' '!%#.0':0#20-$9 %.0' 6' *#:%*:0#+'%#0'600;!0?4'-505'%-5'%' 70#8'!%#.0':0#20-$ 6':#+$'$*$0+

+$# -.!8',%$'$'+'7%+$!8'2,0%:0#6 #',0'+$%$0'$' :#7'50'6#',0+0'2%+0+''-''-+$'$*$'-+'6#',0' 600;!0?4'-505'1,0#0',08'2%-'; 0'$#%'-05'%-5' 4%50':%#$'%!!8'+0!6?+*::#$'-.' *-50#+*:0#9 7'+'-'$,%-'$'+'$'$*#-'$,04' *$'%-5',0-' ,%70'$'$%30'2%#0'6'$,04''-'%!4+,*+0+'%-5' :#'+-+'%6$0#$,08',%70'5-0'$,0'#1#3'6' 2#'40',0'+$#-.0+$'+*::#$'6'$,'+'4709 40-$,%+'240'#020-$!8'6#4'$,0'#0:#$'6' $,0'8%!'44'++'-''-'-.!%-5'1,'2,'1%+' %::''-$05';8''-.'51%#5'$'+$*58'$,0':#;9 !04'6'$,0'40-$%!'50602$'70',08'1#305' 70#$,0'+*;&02$6#6*#80%#+'%-5'$,0-'4%50' %-'0E,%*+$'70'#0:#$'24:#'+'-'0'.,$'7!*40+' 6'$0+$'4-8'1'$,'$,0'#505*2$'-+'%-5'#029 440-5%$'-+',+'1#3'+'%4+$'4:#$%-$ 2-$#';*$'-'$'$'$,0':#;!04'6'600;!0?4'-5059 -0++',08'+$#-.!8'#02 440-5':0#4%-0-$ 2*+$5'%!'2%#0'6#%!!'2%+0+',0'6!!1'-.';#'06 %22*-$4*+$+*66'20'6#+40'6'$,0'$,0# *#:0%-'2*-$#'0+'*-.%#8',%+-0''-+$'$*9 $'-'+'1%+':'-$05'*$'$,0-2#0$'-+'6 1'$G0#!%-5'10#0'$,0'6'#+$6'$,0'506029 $'70+'$'%$$#%2$'%$$0-$'-'*$1'$G0#!%-5' ,%+'-$-0.!02$05',0#$,0#50602$'70+',0' ,%+'$,'#$8''-+$'$*$'-+'1'$,'>>L)''-4%$0+' .'$%$'-''+';0'-.'2%##'05'-''-'$%!8';8#' 0'%-2$'+'%-5'#60++#0##0#';*$-$4*2,' '+'80$'5-0''+2'0$8'6'-$0#0+$05':0:!0' 4%'-$%'-'%5%8'+2,!'-'40'1,'2,'#'0' %-2$'+'5'#02$+',0'0!!0#'-+$'$*$'-+'-' 0-4%#3'%#0'6%4*+'%-5'%#0'+%'5'$''; 0'70#8' 4*2,'*:?$?5%$0'-'$,0'#40$,5+'0!.'*4' %!+',%+%-'%++2'%$'-'6#$,0':#:%.%$'-'6' $,0'50%'6'2%#0'6#$,0'40-$%!'50602$'70+' #*++0!+',%+'+070#%!+:02'%!2!%++0+'%-5'#' 0'#!8'6'$,0'*-'70#+'$8',%+'%:#'7%$0'+2, !' 6#600;!0?4'-505'2,'!5#0-

1,0#0',%+$,0'$#%'-'-.'6'%!!.#%50+'640-9 $%!'50602$'70+';00-'2%##'05'$''+*2,'%-'0E$0-$%-5' -'+*2,':#%2$'2%!'!'-0+'%+''-'40#'2%'*-50#$,0' '-+:'#%$'-'6#'0.*'-'6$0#4%-8'80%#+' 6'0E:0#'0-20'1'$,'4'+$%30+'%-5'+*220++0+''$'4%8' +%60!8';0'+%'5'$,%$$,0'40#'2%-'50%!'6#$,0' 600;!0?4'-505''+2%#0'%-5'$#%'-'-.'6#%!' .#%50+'+*2,'%+',%!#%'+0'$,04'%$'!0%+$%!'$$!0' '-'!0'10#.#%50+'%-5''-'$,0'*:0#.#%50+' 4%30'$,04'70#8'*+06*!'1,0-'1#3'-.'*-50#$,0' 5'#02$'-'6''-$0!!'.0-$:0#+-+'$,%$'$,08'+,%!' %!'%-5'%!1%8+';0',%::8'$,%$'$,08'+,%!!';0' 4%'-$%'-05':#060#%;!8''-''-+$'$*$'-+'#2!9 -'0+'1,0#0'$,08'%#0':#$02$05'6#4'5%-.0#+%-5' 6#4'$,0'#1-'-2%:%2'$8'$,%$$,+0'1,'2%-9 -$';0';#*.,$'-$''-+$'$*$'-+'+,%!';0'2%#05' 6#'-'$,0':*;!'2+2, !+'$%*.,$'$#%50+'%-5' .*%#505'%!'$,0'$'40'0'$,0#;8'$,0'#:%#0-$+'# ;8':#;%$'-'66'20#+' ,0':#;!04'605*2%9 $'-'6#$,04''+'6'#+$'$'4%30'$,04',%:8'%-5' +02-5'$'4%30'$,04'%+!'$$!0'%;*#50-'-+9 2'0$8'%+':++';!0''-$,0'#1-':0#+-'%-5''-' $,0'#:+$0#'$8'-$'%$'%!'/';02%*+0'$,0#0'4*+$;0'-0'

O60#0-20+'/

$% ' % #'(' ''/(6' '1 !' ' %2 ' -'3

$ *!% ' ' 1 %*' ' %-5' ,' # ' ' 1 ='
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0 ' '1 / (0 $ %
& # % ' (% ' ' ,0' '+$ #8' 6' $,0' #0%$40-$'
6'$,0' 00;!0? '-505' + (' /' ' - '
/ (' /' ' ' (%' H #$'
%8-0' -5' >)P) F
& # . ' & ' . ' #1' (' %-5' ,' . ' ' E ='
'/0 ' '0 ' ' ' .(0 '0 '
'/0 ' '.($ (%' H 0':G'.' 80%#!8 F
% % ' ' 5 2 = ' ' ' /'.('
%' H %-2,0+$0#' >P>>F
' # ' ' ' ,0' 5*2%$' -' 6'$,0' 00;!0? '-505'
'-'$,0' -'$05' $%$0+' E %' %.%' %' %6' >PKN'
!'N' : : ' N>QL?N>PL
% # # ' ' 1 / (0 $ %' H 0':G'.' >PKQ F
-' -.!'+,'$#%-+!%$' -' 6'$,0'%; 70'1'$,' %2,%:$0#
-' 40#'2%-'2 -5'$' -+';8' 44% 8!70+$0#'NOL':: '
H 01' #3' >PKPF' %!+' ';8' ' #0++!%#'80 '
/' 9'80 0' /' 0(%' H %+,'-.$ -' >PKL F
, # ' % ' , (!' ' ' '2!' '
+ ! (' %' H 01' #3' >PKL F H 09
:#'-$F
+ '%'&' '' / ((!%' H -5 -' >PK) F
,0' C 0 ' /'+ !(= (6' :*;!'+,05' %$' %#'9
;%*!$' '-- ' U*%#$0#!8' %-5' 6' :*;!'+,05' %$'
'0--%' *+$#'%'%!+' U*%#$0#!8' %#0'$,0'$1 ':0#' 59
'2%!+' 507 $05' 0E2!*+'70!8'$' 50602$'70+',$, *.,'$,0'
!%$$0#' -2!*50+'$,0':,8+'2%!' 50602$+' 6';!'-5-0++'%-5'
50%6-0++

' /' 00'3#* #'

' ' ' /' -0
6'$,0' 4 50+' 6'.'7'-.' 40%-'-.'$' -01' 1 #5+'
'-'$,0'$0%2,'-.' 6'+:0!!'-.'%-5'#0%5'-.'$' 2,'!9
5#0-' 1,0#0'#0!'%-20'+':!%205'*: -'$,0'*+0'6'
+8- -84+'%-5'70#;%!' 50+2#':$' -' 6'$,0'%$$#'9
;*$0+' U*%!'$'0+' #'#0!%$' -+' 6'$,0'1 #5' +'
%' 40$, 5' '$' '+'*+*%!!8'5'+$'-.*'+,05'6# 4'$,0'
?'0 -$0E$*%!' 40$, 5 S' 1,0#0' 50:0-50-20'+'
:!%205'*: -'#0:0%$05'%-5'7%#'05'*+%.0' 6'$,0'
1 #5''-'6%4'!'%# 2 -$0E$'%-5'6# 4'$,0'R' ;&029
$'70' 40$, 5' S' 1,0#0' ;&02$+' #'2$*#0+'%#0'509
- $05''-'2 --02$' -' 1'$,'$,0' 1 #5'*+05' ,0'
40$, 5' 6' 1 #5'%-%!8+'+' #0$84 ! .'2%!'506'9
-'$' -'+'-2!*505'%+' -0' 6'$,0'6 #4+' 6'$,0'
40$, 5' 6'506'-'-.' '
00', # '+ %' # ' /

' /' 06'-'$' -' 4%8' ;0' 2 -9
+'50#05'0'$,0#%+'%:# 5*2$' #%+'%:# 20++' ,0'
#5'-%#8'$#0%$40-$' 6'6 #4%!'! .'2'50%!+'+'4 :!8'
1'$,'$,0'6'-'+,05':# 5*2$' '7'0105'$,0'5 29
$#'-0' 6'506'-'$' -',%+' -' +'.-'6'2%-20' 6 #
05*2%$' -%!' $,0 #8' #' :#%2$'20'+%70' %+' '$
6 #4*!%$0+'-'%+*22'-2$'%-5'506'-'$0'1%8' -0'
#0+*!$'6'05*2%$' -'1,'2,''$'+'50+'#%;!0'$'%$$%'-'
: -'$,0''-$0!!02$%!' +'50'/'$,0''50%!'. %!' #
!'4'$'-.'$0#4' 6'$,0$' :# 20++' 6'40-$%!'2!%#'6'9
2%$' -' %-5' #.%-'G%$' -' $,0$'2 -+$'$*$0+'509
6'-'$' -'%+' %:# 20++
,'!0'$,0#06 #0':05%. .8'+':#'4%#'!8'2 -9
20#-05'1'$,'$,0' .#%5*%!' 5070! :40-$' 6'506'-'9
$' -'%+'2 -20'705''-'! .'2%!'$,0 #8'$,0'6 #4%!'
2 -20:$' 6'506'-'$' -'+0#70+'%+'%:'-$' 6'50:%#9
$*#0'6 #'2 -+'50#'-.'$,0' -%$*#0' 6'$,0':# 20++0+'
1,'2,'!0%5'*:'$' '$' ,0' $02, -'2%!' -$' -'
'+'$,%$'506'-'$' -'+'$,0'+$%$040-$' 6'$,0'-$0-9
+' -'H #40%-'-.F' 6'%$0#4'$,'+''-$0-+' -'2 -9
+'+$'-.'6'.0-*+'%-5'+:02'6'2'5'660#0-20' ,%$'+'
$'+%8' -!8'.0-0#%!' $0#4+'H- $' -+'2 -20:$+F'
2%-'+$#'2$!8'+:0%3'-.';0'506'-05' ,0'.0-0#%!

$0#4'506'-05''+'#0.%#505'%+' -0'5'7'+' -'H;#%-2,'
#+#$F' 6'%+$'!!'4 #0'.0-0#%!'$0#4'$,'+'5'7'+' -'
;0'-.'$02,-'2%!!8'3- 1-'%+'%' (% 06'-'9
$' -'$,0-'+$%$0+'$,0' -0E$' 4 #0'.0-0#%!' 2!%++'
4 0 *' '-' 1,'2,'%+:02'0+'6%!!+'%-5'%!+'+0$+'
6 #$,'$,0'2,%#%2$0#'+$'2'$#%'$+'4 // (* 1,'2,'
4%#3' 66'$,0'+:02'0+'-' U*0+$' -'6# 4' $,0#
+:02'0+'6%!!'-.'-' $,0'+%40'2!%++' 6'10'+%8'
$,%$'%;%#-'+'%;*'!5'-.'*+05'6 #,*+'-.'6%#4'
%-'4%!+'R',%#-'S'+'$,0'+:02'0+'R';*'!5'-.'S'$,0'
.0-*+'R',*+'-.'6%#4'%-'4%!+'S'$,0'5'660#0-$'%'
1,'2,'2,%#%2$0#'GO+'%;%#-'-'2 -$#%+$'1'$,'%
510!!'-.', *+0'6%2$ #8'1 5+,05'%-5'%!!'
$,0# ;&02$+'$,%$'6%!!'1'$,'-'$,0'.0-*+'R';*'!59
'-.S' '+%8'$,%$'R',0%$'+'%4 50'64 $' -'S'
'+'%50602$'70' #'-2, %$0'506'-'$' -';02%*+0'
'$+$%$0+' -!8'$,0'.0-*+'-'1,'2,',0%$'6%!!+'1'$,9
*$'.'7'-.'$,0' :#:0#$'0+'$,%$'50$0#4'-0'%
4 50'64 $' -'$',0'$%'-+$0%5'6'+ *-5'0$2'
'+%8'%$#'%-.!0'+'+ 40$,'-.'1'$,'$,#00'+'50+'
.'70+'%5'660#0-$'%'%-5'%.0-*+'H+ 40$,'-.F';*$'
'+'50602$'70'%+'%'506'-'$' -';02%*+0'$'!0%70+' *$
6'%22 *-$'$,0' ',',.,0# #;#%50# 2!%++' 6'
1,'2,'$#'%-.!0'+' -0'+:02'0+'-%40!8'+*#6%20'
0-20'$,0'$,#00':#'4%#8'#*!0+' 6'506'-'$' -T
H>F' '506'-'$' -'4*+$'.'70'$,0' '$#%'$+'
6'$,0'$0#4'506'-05'%%'$+' -0E$',',0# 2!%++'
%-5''$+':02*!'%#' #5'660#0-$'%$'-.':# :0#$'0+
HNF',0'506'-'$' -'4*+$';0'0E%2$!8'0U*'7%!0-$
$',$,0' 6'$,0'$0#4'506'-05'%%'$
4*+$' '-2!*50'$#%'$+'-$'-020++%#8'$',$,0'
40%-'-.'6'1,%$'+'506'-05'%-5''$'4*+$'.'70'
$,0'$#%'$+'#0U*'#05'$'5'660#0-$'%$0'$'6# 4'$,0#
+:02'0+'6'$,0'+%40'.0-*+'HJF' ,0'506'-'$' -
4*+$';0'0E%2$!8'%:::!'2%;!0'$',$,0' '6'
$,0'$0#4'506'-05'%%'$'4*+$'%:::!8'$',070#8'
;&02$'$'1,'2,'$,0'$0#4'%:::!'0+'%-5'$'-' $,0#
;&02$+' $,0#'#*!0+'+ 40$'40+'.'70-'/'%+'$,%$'
$,0'506'-'$' -'4*+$'-$'2-$%'-'$,0'$0#4'509
6'-05' #;0'2 *2,05''-' ;+2*#0'-0.%$'70' #
6'.*#%$'70'$0#4+'4*+$'-$';0'#05*-5%-$'0$2'/'
%#0'50#'7%$'70+'1%#-'-.'%.%'-+$'20#$%'-'2 44 -'
1%8+' 6'7'!%$'-.'$,0':#'4%#8'#*!0+
70-'$,'+';#'06'0E:+'$'-';#'-.+' *$'2!0%#!8'
$,%$'$,0' (' 6'506'-'-.'+''50-$'2%!'-'0+9
+0-20'1'$,'$,0' ('.# 1$,' 6'3- 1!05.0'
2 -+'+$'-.'-'%' 4 70 40-$'$ 1%#5' ; #
' -' -0'+'50'%-5'$ 1%#5' (' H #'
5'660#0-$'%$'-F' -'$,0'$,0#' -' $,0# 1 #5+'
506'-'$' -'+' -$'%-'+!%$05'-02*!'%#'-$0!!029
$*%!',0- 40- -';*$'0E:#0++0+'$,0'!%1' 6'$,0'
6*-5%40-$%!'07!*$'-' 6'3- 1!05.0'! .'2%!!8'
2 -+'50#05' ,0':# ;!04'6'-+$#*2$'-'7'0105'
6# 4' $,'+'+$%-5:'-$'+' $' $#%-+6#4' $,0'
R';! 4'-.' ;*GG'-.' 2 -6*+'-'$'$,%$' 4%#3+'
$,0'6'#+$'+$%.0' 6'%:#0,0-+'-' 6' !'+*;9
&02$'-$'%1, !0'1,'2,''+'506'-'$0'%-5'%!+'
2 ,0#0-$' #'-$0#2 --02$05' ,0'5'660#0-$'%
'-5'2%$0+'$,0':# .#0++'4%50'-'$,0'5'#02$'-' 6'
$,0'2,%-.0'6'7%.*0'2 -6*+'-''-$':#02'+'-'%-5'
2!0%#-0++' $,0'.0-*+'-5'2%$0+'$,0':# .#0++'
4%50'-'$,0'#02 .-'$'-' 6'.0-0#%!':#'-2':!0+'
%-5'#50#!8'+8+$04
,0+0'2 -+'50#%$'-+'0-%;!0'*+'$'*-50#9
+$%-5'; $,'$,0'#0%2$'-'%.%'-+$'$,0'*+0'6'$,0

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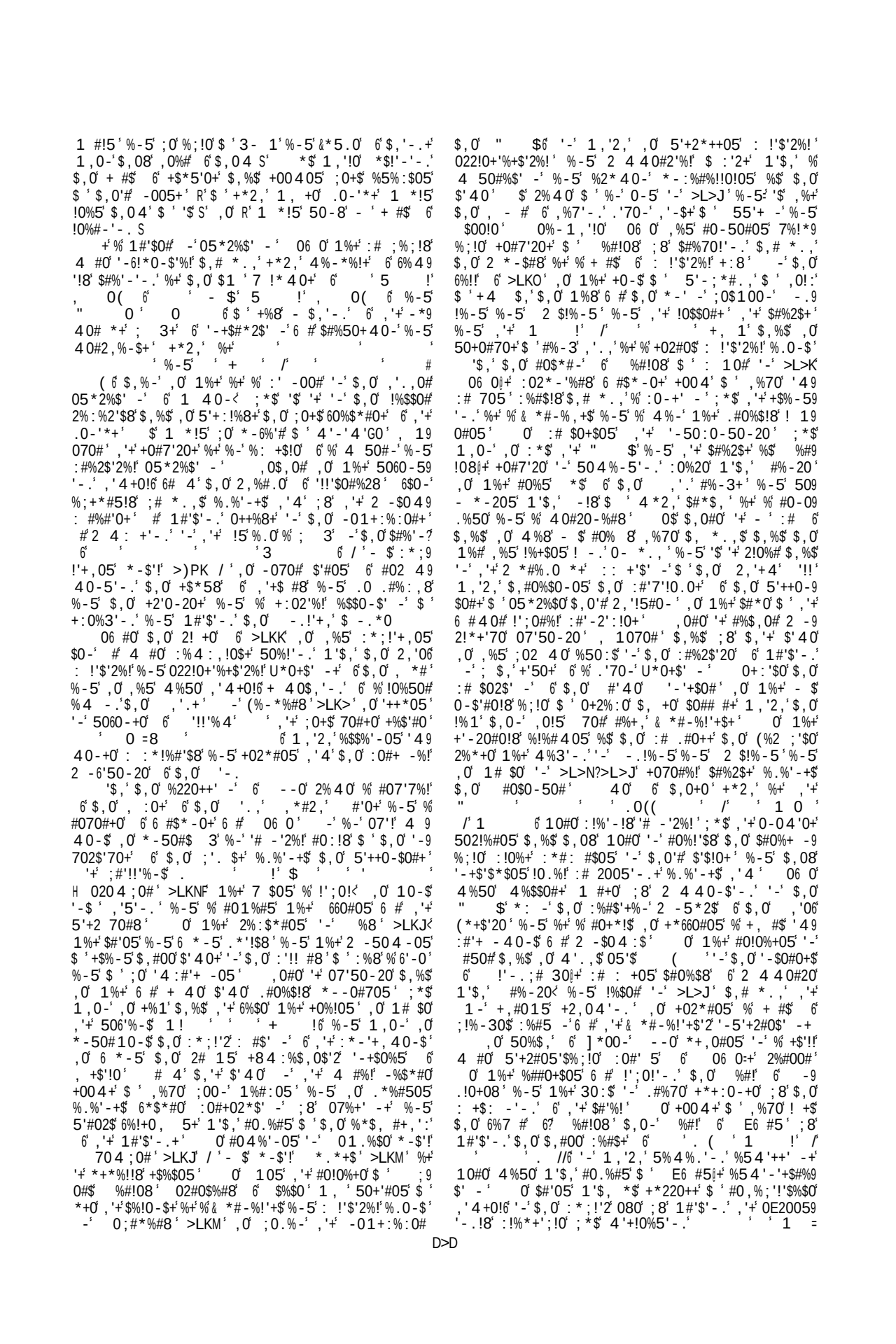
) '/'0.0-0#%$'-''+%:%9 $,!.'2%!'2-5'$'-''-'1,'2,'+40'$'++*0'6'$,0' ;58'#+40'#.%-'G05'6#4'6'%2$'7'$8'+' 50+$#805'$,#*.,'5'+0%+0'#$,#*.,'+40' %.0-28'1,'2,''-$0#60#0+'1'$,'-#4%!'!'60'09 .0-0#%$'-'6'-0#70'6';0#+'1,'2,',%70';00-'2*$ '+'6'.#0%$'4:#$%-20''-'$,0'+$*58'6'$,0'2*#+0' 6!! 105';8'$,0+0'-0#70'6';0#+' 0.0-0#%$'-' 6'40-$%!'#.%-'G%$'-+'2-+$'$*$0+'%6#4'6' :%$,!.8'1,'2,''+'5'+2*++05''-'$,0'%#$'2!0'-' !#1%''%-5''$+'#0!%$05'$:'2+ ' ' '



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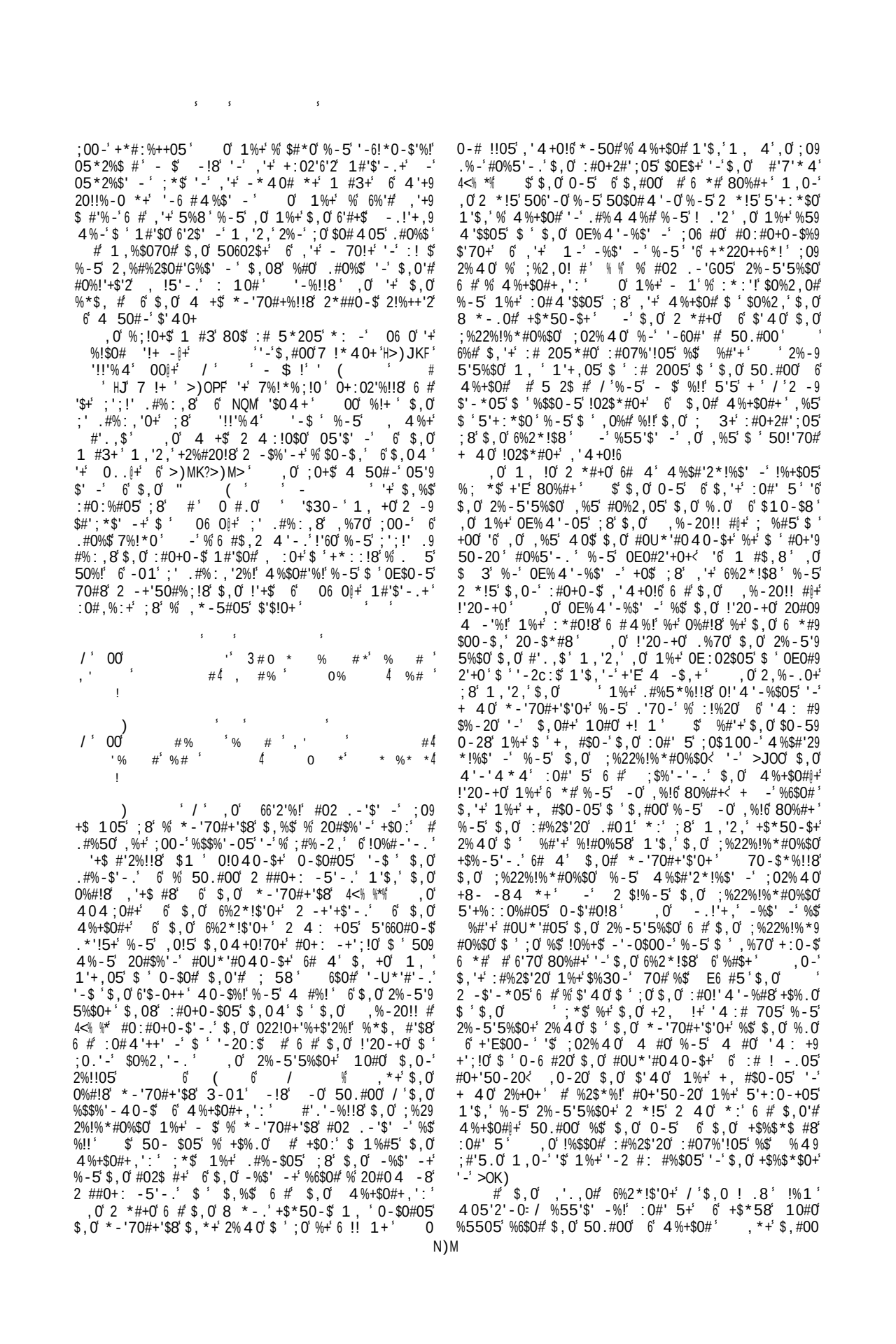

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F 07'50-20 6 !'$0#%#8 # +2'0-$'6'2 #0+0%#2, 6 7%!*0 4*+$;0 :# 5*205 %+ %.0-0#%! #*!0 -$,0 1, !0 , 1070#'%70#8 +4%!! -*4;0# 6 +$*50-$+ :# 2005 $ $,0 50.#00 6 5 2$ # ,0#0 %#0 -:+0:%#%$0 50.#00+ $;0 2 -60##05 (0 + %.0-0#%! #*!0 %-8 6 $,0 5 2$ #%$0 50.#00+ %#0 .#%-$05''-+*2,2%+0+ -+ 40''-+$%-20+ $,0 4%+$0#+ 50.#00+ %#0 *+05 6 # , -#%#8 2 -60#40-$ $ 4%8 ;0 +%'5 $,%$ $,0 4%& #'$8 6 $, +0''- -.!%-5 1, , !5 $,0 50.#00 6 5 2$ #'0E20:$''-$,0 6%2*!$8 6 405'9 2'-0 #020'705 '$ %+ %' 4%#3 6 , -# 6# 4 $,0 *-'70#+'$'0+

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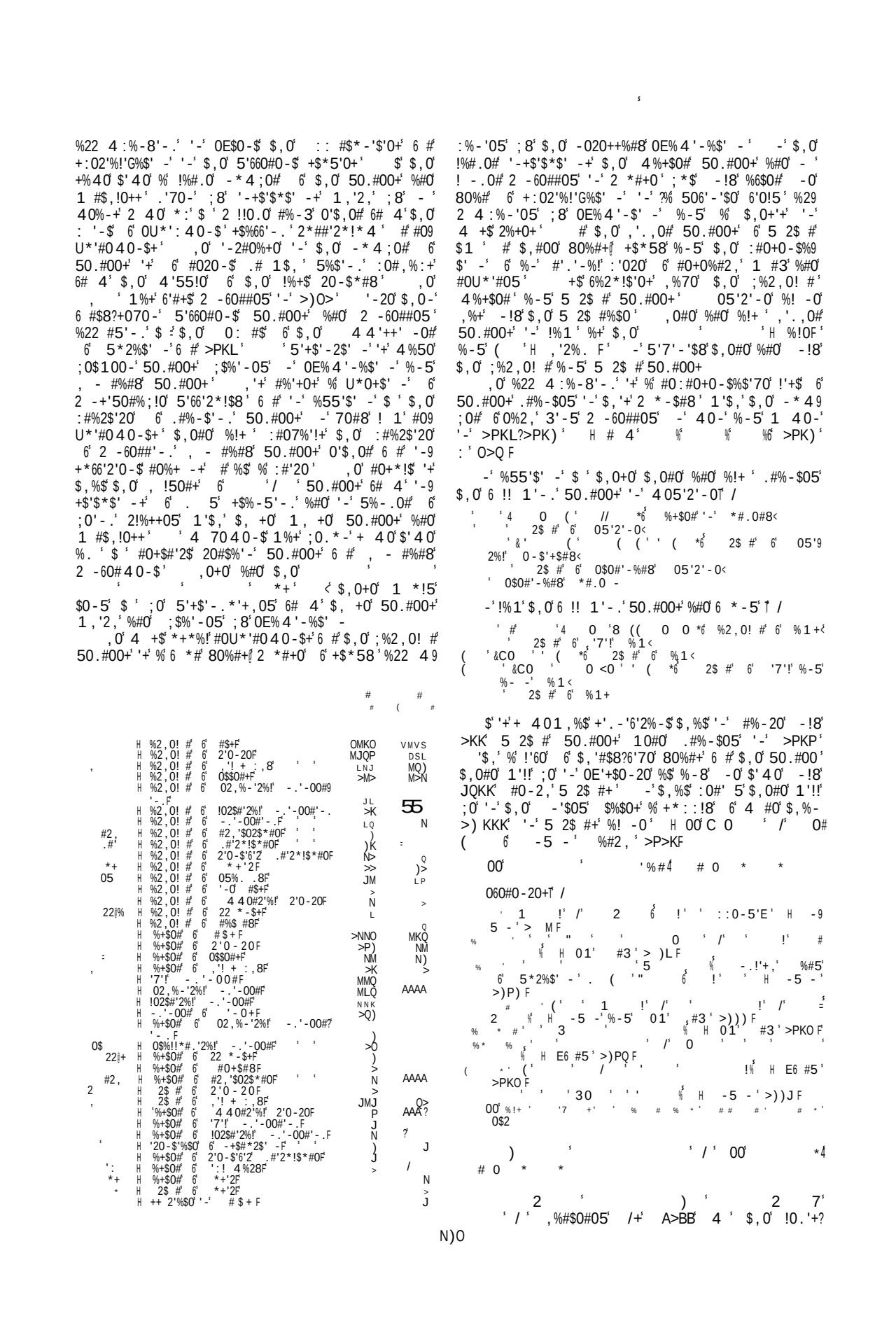

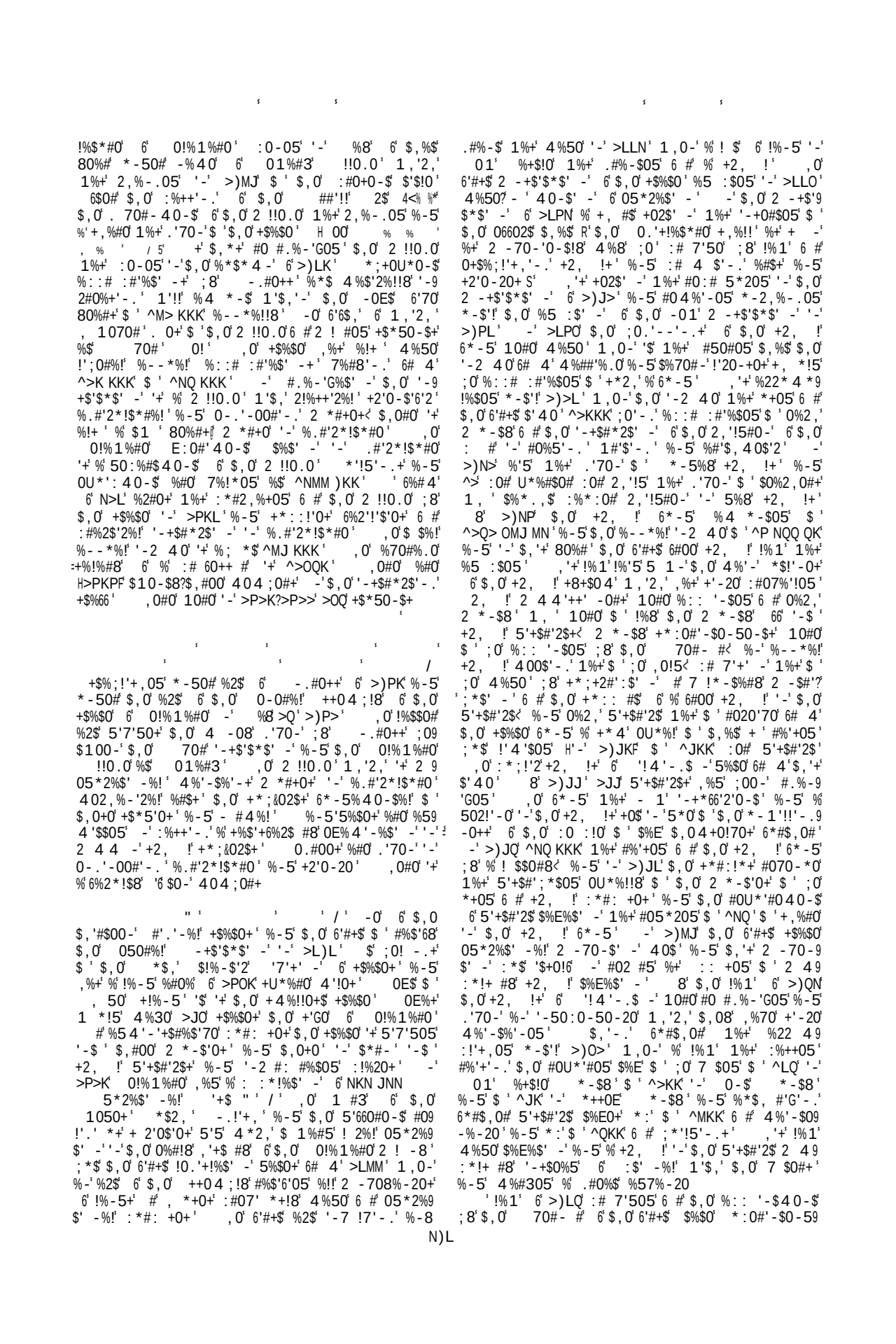

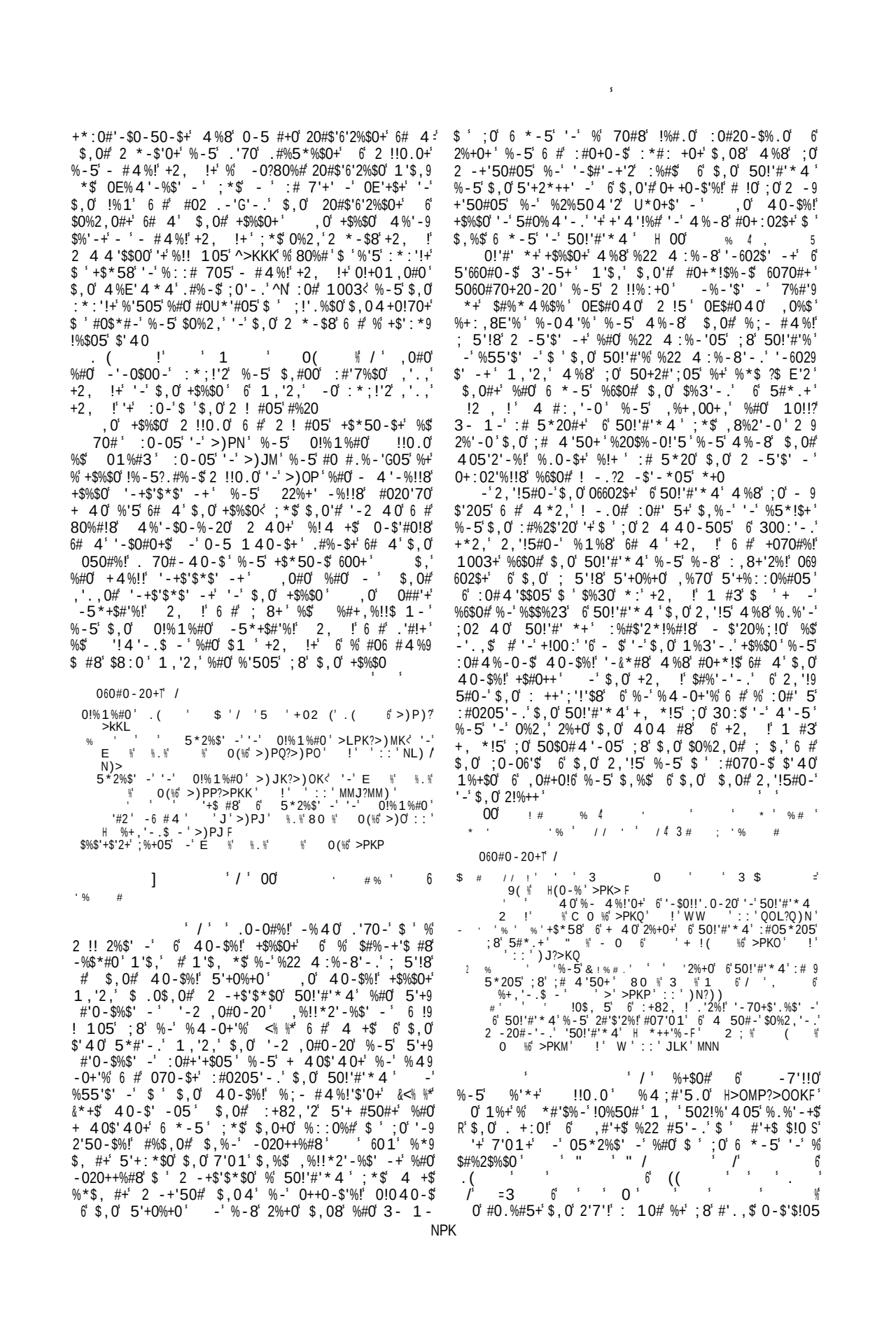

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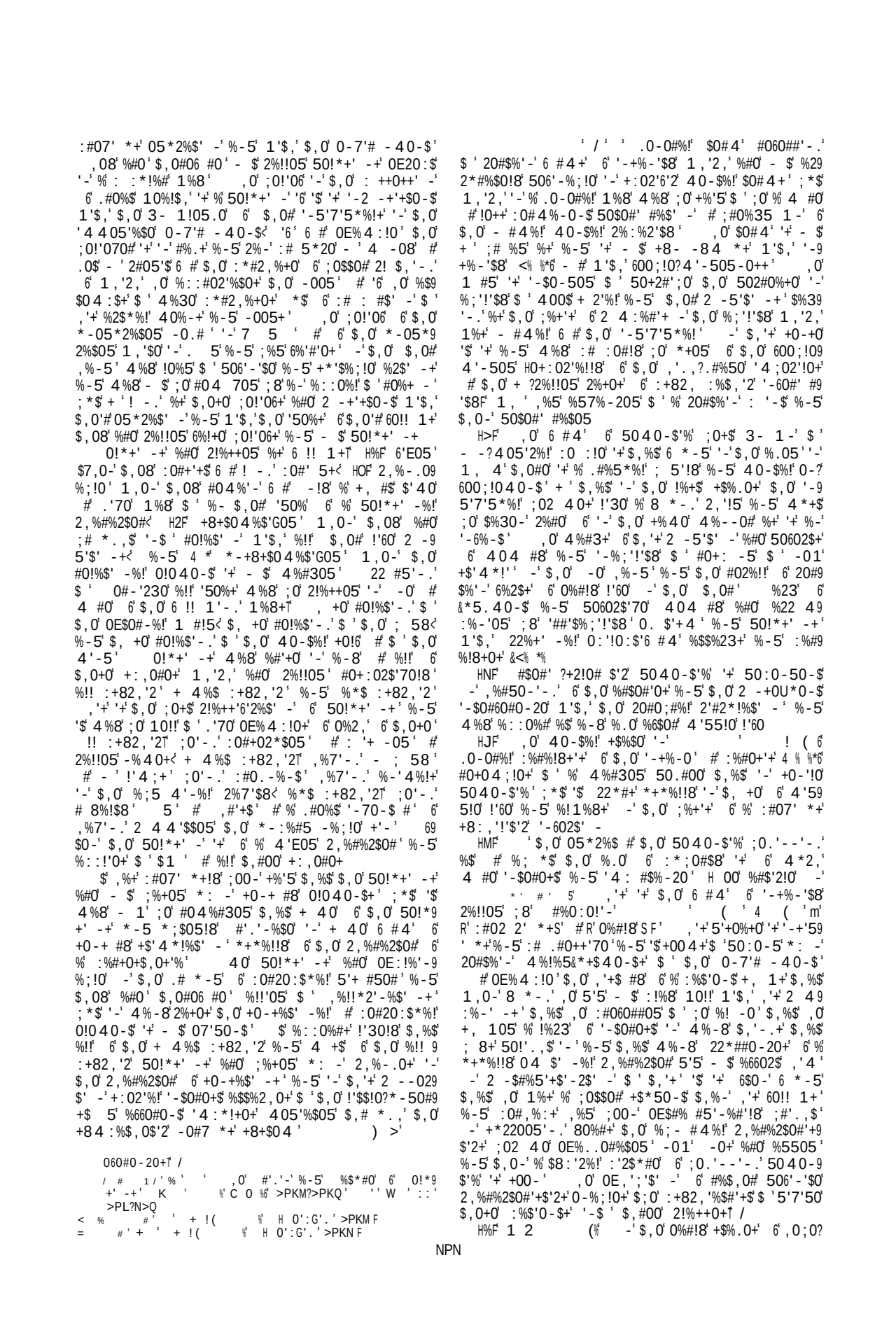

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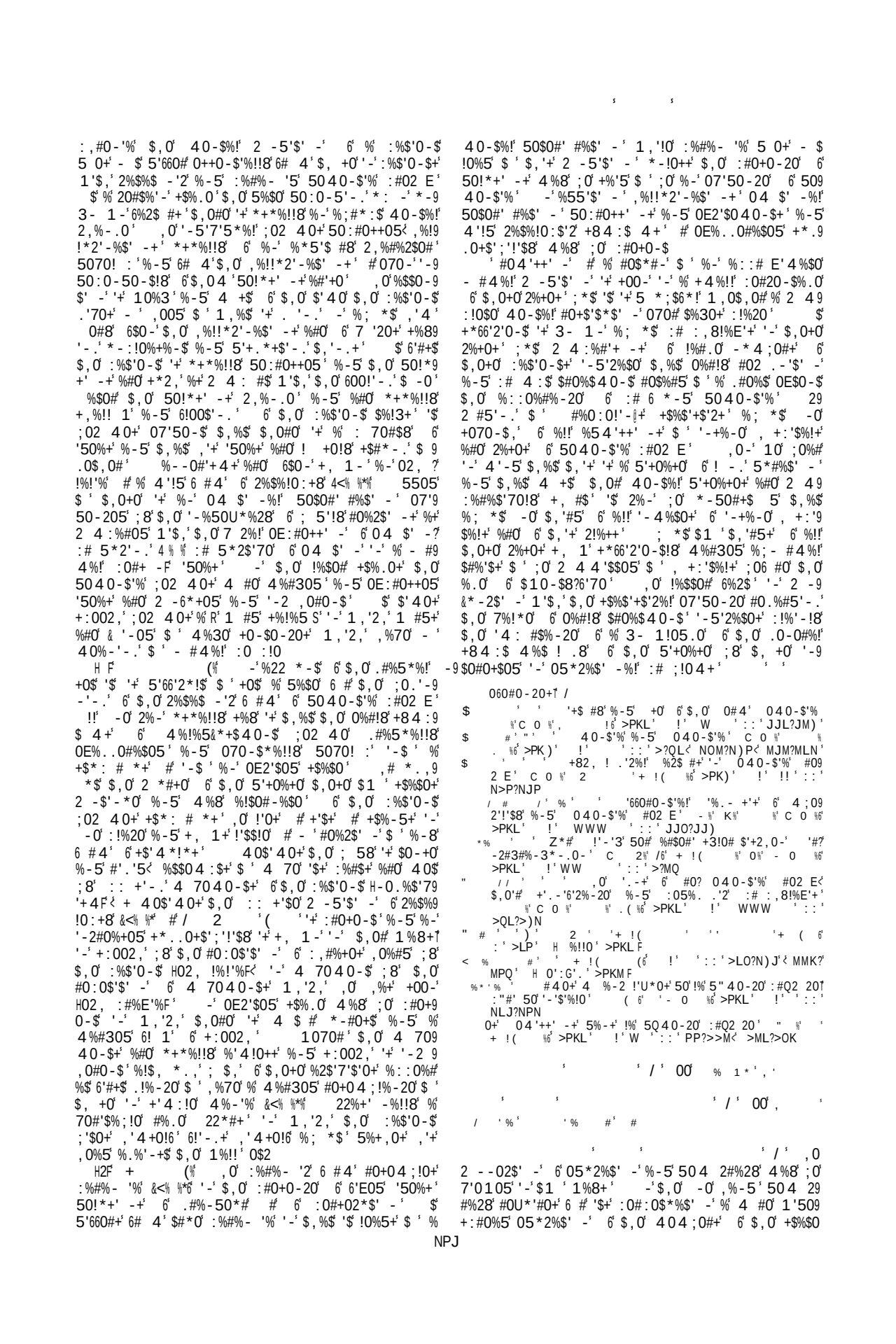

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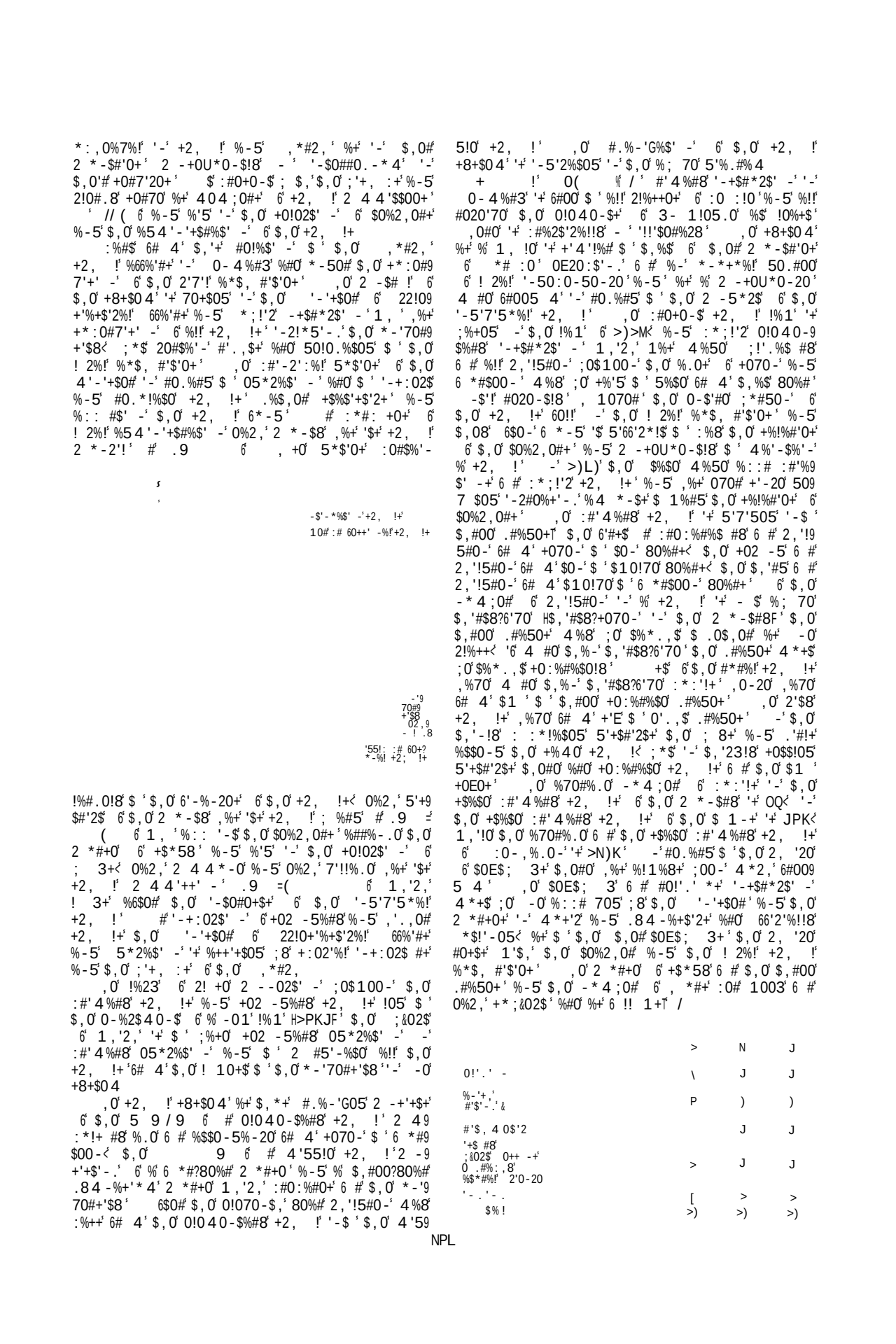

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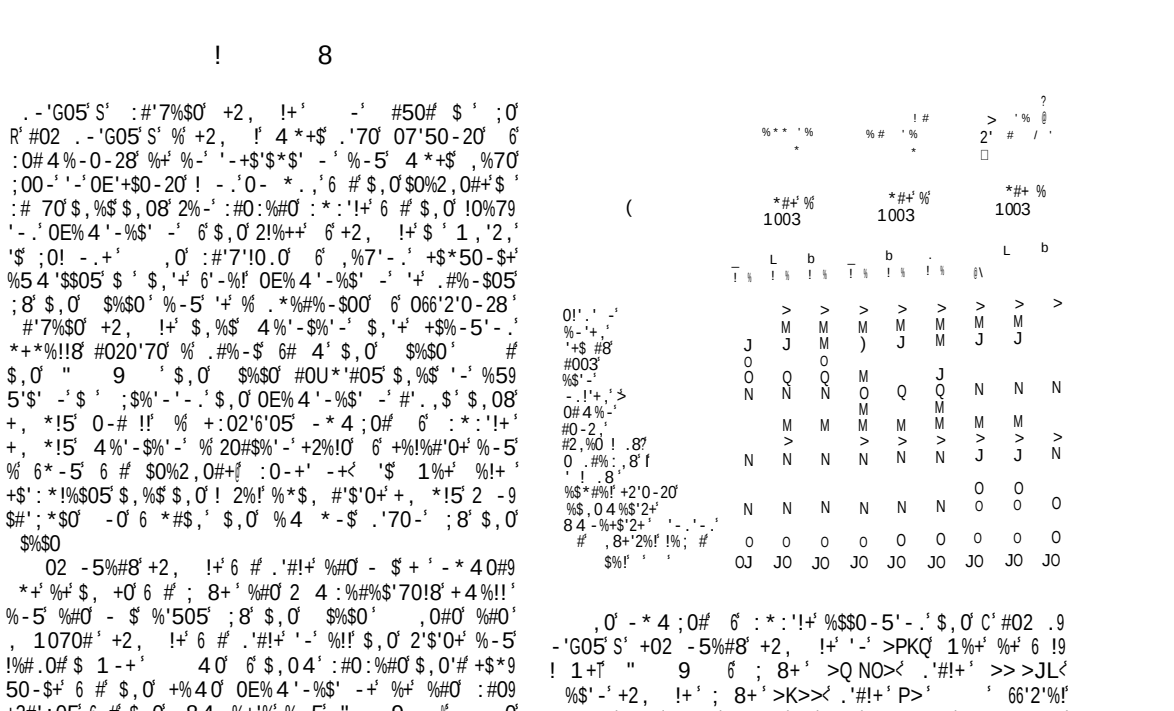
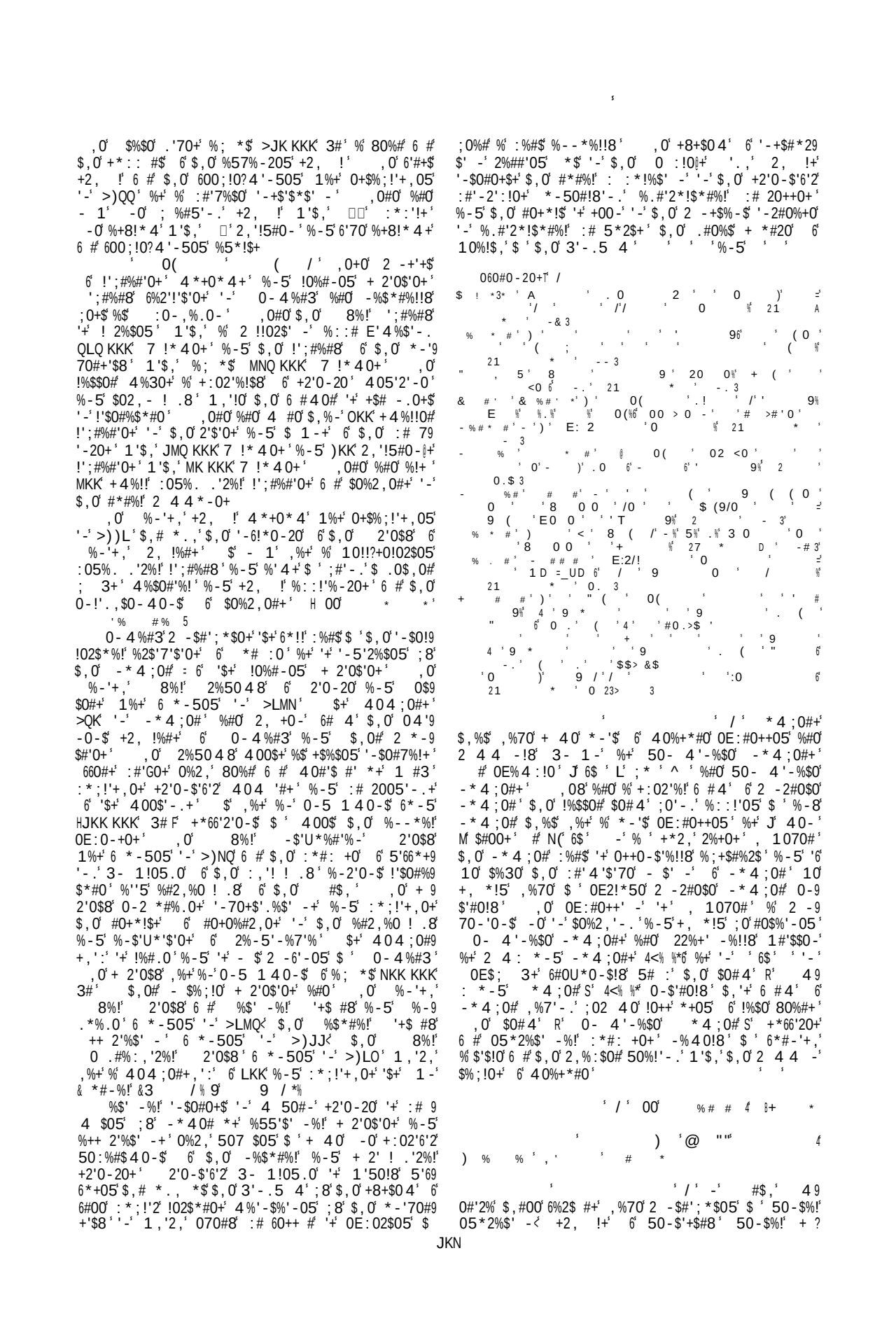
'-' >PKQ' 1%+' JPN PJK' $ ' $,'+' -*4;0# 4%8' ;0' %5505' >O KPN' 2,'!5#0-' *-50# +070-' 80%#+' 6' %.0' '-' :#'7%$0' +2, !+' %-5' !82 0+' 4%3'-.' % $ $%!' 6' MKP KNN' #020'7'-.' :#'4%#8' '-+$#*2$' - (' .(/ ' ,0' $0%2,0#+' 6' $,0' :#'4%#8' +2, !+' %#0' 05*2%$05' '-' $,0' -#9 4%!' $#%'-'-.'+2, !+' 6'1,'2,' $,0#0' %#0'6 *#:*;9 !'2' %-5' 6'6$00-' :#'7%$0' ,%7'-.' % $,#00?80%#2 *#+0' %-5' -0' :*;!'2' %-5' $,#00' :#'7%$0' ,%79 '-.' (-0?80%#2 *#+0' ,0' !%$$0# +2, !+' %#0' 6 # $0%2,0#+' 6' $,0' 6'#+$.#%50' HL?>K'80%#+F' 6' $,0' :#'4%#8' +2, !+' ,0' 6 *# :*;!'2' -#4%!' +2, !+' %#0' 6 # 40-'%-5' $,0' 6'6$00-' :#'7%$0' +2, !+' %#0' %; *$' 070-!8' 5'7'505' ;0$100-' $,0' +0E0+' %-*4;0# 6' $,04' ;0'-' 2 05*2%$' -%!' '0-$0#$,0' +$%$0' - #4%!' +2, !+' $,0' %:: !'2%-$ 4*+$' ;0' %$' !0%+$0'.,$00-'80%#+' 6' %.0' %-5' 4*+$' ,%70' $%*.,$' -0' 80%#' ,0' :#0:%#%$ #8' 80%# 6' $0%2,'-.' '+' *+*%!!8' :%++05' '-' + 40' :#'9 7%$0' +2, !' ,0' 2 *#+0' 6' +$*58' 6 # - #9 4%!' +2, !+' '-2!*50+' #0!'.' *+' '-+$#*2$' -' :05%. .8' %-'+,'!%-.*%.0',' +$ #8' .0 .#%:,8' G ! .8' 1'$,'; $%-8'%-5'%'!'$$!0'.0 ! .8' :,8+9 '2+' 4%$,04%$'2+' 1#'$'-.' +'-.'-.' 7' !'-' %-5' #.%-' .84-%+$'2+' %-5' 4%-*%!' $#%'-'-.' $0%2,0#+' ,'.,'+2, !' :0-'$ ' ;$,' +0E0+' ,%+' ;00-' 0+$%;!'+,05'6 # $,0'6*#$,0#' '-+$#*2$' -' 6' :#'4%#8' $0%2,0#+' ,'+' +2, !' %66 #5+' :: #9 $*-'$8' 6 # +:02'%!'G'-.' ;8' 66O#'-.' 2 *#+0+' 6 # 0'$,0#' %+'E?4 -$,+ # %' 80%#+' $0#4' 6'+$*58' # 0'$,0# :0#' 5' $,0#0' '+' % 1'50' #%-.0' 6'+*;9 &02$+'6# 4' 1,'2,'$ '+0!02$' ,0' $*'$' -' %$' $,0' +$%$0' - #4%!' +2, !+' MK' 3#' H^>K LNF' % 80%#' %-5' $,0' 0-$'#0' 0E:0-+0+' 6 # $,0' 80%# %; *$' JMK' 3#' H^P> >NF' ,0' $*'$' -' %$' $,0' :#'7%$0' -#9 4%!' +2, !+' '+' %; *$' >QK' 3#' H^MK NKF' % 80%#' -' >PKO' $,0#0' 10#0' NM>' 40-' %-5' >MP' 1 40-' %$$0-5'-.' $,0' +$%$0' - #4%!' +2, !+' ,0' + 9' . 9 26' % $0%2,0#+' %++ 2'%$' -' #.%-'G05' '-' >)NK' 6 # $,0' 5'+2*+' -' 6' 05*2%9 $' -%!' U*0+$' -+' ,%+' ;00-' 6' +0#7'20' $' 4%-8' $0%2,0#+' %-5' ,%+' %!+' ,%5' .#0%$' '-6!*0-20' '-' +,%:'-.' 05*2%$' -%!' %66%'#+ . ' + %' / ' ,0' %4 *-$' 6' +%!%#8' $,0' $0%2,0#' #020'70+' 50:0-5+' *: -' $,0' '4: #$%-20' 6' $,0' : +'$' -' 1,0$,0#' '-' $ 1-' # 2 *-$#8' %-5' %!+' 7%#'0+' 1'$,' $,0' !0-.$,' 6' +0#7'20' ,0' 40-'#020'70'$,0'# 4%E'4*4'+%!%#8' %$0#' $10-$8' 80%#+' +0#7'20' $,0' 1 40-' %6$0#' $10!70' 80%#+' +0#7'20' #' $,0' 2 *-$#8' $,0' 4%E'4*4'+%!%#8' #%-.0+' 6# 4')KK' 3#' 6 # % 6'#+$?' .#%50' H2,'!5#0-' 6# 4'+070-'$ '$0-F$0%2,0#' $ '>OKK' 3#' 6 # % ',0%5' $0%2,0#' 1,'!0' '-' $,0' !%#.0#' $ 1-+' $,0' 4%E'4*4'+%!%#8' #%-.0+' 6# 4' >QKK' 3#' 6 # % 1 4%-' $ ' JOKK' 3#' 6 # % ,0%5' $0%2,0#' 0%2,9 0#+' '-' $,0' 2 *-$#8' *-50#' :0#4%-0-$' %:: '-$9 40-$',%70' 6#00' #0+'50-20' 6*0!' %-5' % +4%!!' :'020' 6' !%-5' 6 # 2*!$'7%$' -' -' #50#' $ ' ;$%'-' % 6'E05' : +'$' -' %-5' 2 -+0U*0-$!8' % 6#00' #0+'50-20' $,0' $0%2,0#' 4*+$' :%++' $,0' #0.*!%#' $0%2,0#+' 0E%4'-%$' -' 4*+$' :# 60++' $,0' 5 2$#'-0+' 6' $,0' *$,0#%-' ,*#2,' 4*+$' ;0' %$' !0%+$' $10-$8?6'70' 80%#+' 6' %.0' %-5' ,%70' ,%5' 6 *# 80%#+' +*220++9 6*!' 0E:0#'0-20' '-' $0%2,'-.' +' 04:! 800+' 6' $,0' $%$0' $0%2,0#+' %2U*'#0' $,0' #'.,$' $ ' % :0-9 +' -' %6$0#' 6'70' 80%#+' +0#7'20' ,0' 4%E'4*4' :0-+' -' %!! 1%-20' 1,'2,' %4 *-$+' $ ' %; *$' $1 ' $,'#5+' 6' $,0' +%!%#8' '+' #020'705' %6$0#' $,'#$8' 80%#+' +0#7'20' -' .#%-$'-.' $,0' 4%E'4*4' :0-+' -' $,0' 0E:0#'0-20' '-' $0%2,'-.' :#07' *+' $' $,0' %.0' 6' $,'#$8' '+' -$' #02 .-'G05' ,0' $%$0' %::# :#'%$0+' 6 # :0-+' -+' %; *$')QK KKK' 3#' H^NNL)KKF' % 80%# + @' 1' .(45 9 /:9 F /' 01'2 *-$#'0+' 660#+*2,' :: #$*-'$'0+' 6 # 2 -9 $'-*%$' -'+$*58' ;08 -5' $,0' 0!040-$%#8' +2, !+' %+' 0-4%#3' ,'+' ,%+' ;00-' 4%50' : ++';!0' ;8' $,0'0+$%;!'+,40-$' 6':0 :!0+' ,'.,'+2, !+' 1,'2,' ,%70' 6 # $,0'# ;&02$' $,0' 0-!'.,$0-40-$' 6' $,0' :0%+%-$' %-5' %.#'2*!$*#%!' 2!%++0+' ,0+0' '-9 +$'$*$' -+' %#0' *-!'30' +02 -5%#8' +2, !+' %#0' #'.'-%!' 1'$,' $,0' %-'+,' :0 :!0' %-5' '-' + ' 6%# %+' $,08' 5'660# 6# 4' $,0# +2, !+' 6 #4' % 5'+9 $'-2$'70' 2 -$#';*$' -' $' 05*2%$' -%!' 40$, 5+' ,08' 10#0' 6 *-505' -' $,0' :05%. .'2%!' '50%+' 6' '+, :' #*-5$7'.H.#F' 1,' ;0!'0705'$,%$'$,0' '-9 5'7'5*%!' 50#'705' 4 +$' ;0-06'$ 6# 4' '-+$#*2$' -' ;0$100-' $,0' %.0+' 6' 0',$00-' %-5' $10-$8?6'70' $,%$',' +$ #8' %-5' #0!'.' -' %#0' .'70-' :# 4'-0-$' :!%20+' 6 # $,0'# '-+:'#%$' -%!' 7%!*0' :%#$' 6# 4' $,0+0' $1 '!0%5'-.'+*;&02$+' $,0' +$*9 50-$' ,%+' $,0' :' #$*-'$8' $' +0!02$' 6# 4' $,0' 1'50' #%-.0' 6' +*;&02$+' $, +0' 6' '4405'%$0' *$'!'$8' $ ' ,'4+0!6' ,0' 6'#+$' 6' $,0' :0 :!0' ,'.,'+2, !+' 1%+' :0-05'%$' 56!'-.''-' >)MM'%-5' '-' >)OM' 1%+' 4 705' $ ' +3 7' ,'+' '-+$'$*$' -' ,%+' ;02 40' $,0' 20-$#0' 6' $,0' 1,!0' 4 7040-$ %-5' %$$#%2$+' +$*50-$+' -$' -!8' 6# 4' 0-4%#3' ;*$ 6# 4' 20!%-5' '-!%-5' $,0' %# 0' +!%-5+'%-5' $,0' -'$05' $%$0+' ,0'#':*#:+0+'%-5' 40$, 5+' 40$' 1'$,' : :*!%# 6%7 #' %-5' $,0' -*4;0# 6' +2, !+',%+'.#%5*%!!8' '-2#0%+05' *-$'!' - 1' $,0#0' %#0' +070-$8';0+'50+'6 *#$00-'%.#'2*!$*#%!'+2, !+' #.%-'G05' '-' %+'4'!%# 4%--0#' $,0# 2%-5'-%9 7'%-'2 *-$#'0+'%5 :$05'$,0' +8+$04'%-5' %-'+, NP)

2 ! -'0+'-' 40#'2%'2%##'05'$,0'50%$,'$,0#' ,0' +2, !+'%#0''-$0-505'6 #'%5*!$+'6# 4'0',$00-'$' $,'#$8'80%#+' 6'%.0' ,0#0''+'0-$'#0'6#005 4''-' #0+:02$$'$''$,0'2, '20' 6'+*;&02$+'%:: '-$40-$'6' $0%2,0#+'%-5'40$, 5' 6''-+$#*2$' -' -'+ 40' 2%+0+' +$#0++' '+' :!%205'*: -' +2'0-20<''-' $,0#+' *: -' $02,-'2%!' +*;&02$+' ,0#0' %#0' -' 0-9 $#%-20' #!0%7'-.'0E%4'-%$' -+' -+$#*2$' -''+' .'70-'%!4 +$ 0-$'#0!8' ;8'!02$*#0'%-5''-2!*50+' ,'+$ #8' #0!''.'-' %-'+,'!%-.*%.0'%-5'!'$0#%9 $*#0'4%$,04%$'2+'+2'0-20'+'-.'-.'.84-%+$'2+' %-5':#%2$'2%!'+*;&02$+'$,0'!%+$'-%405'#0!%$'-.' %+'%#*!10'$'%.#'2*!$*#0'%-5'6%#4'!'60''-'.0-0#%!

-+$#*2$' -''-'$,0'!%+$';#%-2,''+'-1'.'70-''-' +:02'6'2'$02,-'2%!'+2, !+'1,'2,'+:#%-.'*$'6'%-5' %#0'2-5*2$05''-'$,0'+%40'+:'#'$'%+'$,0',.,' +2, !+'1,'2,'+$*50-$+'*+*%!!8'%$$0-5';06#0' +:02'%!'G'-.' ,0'+2, !+'%#0'*+*%!!8',0!5'6#$1' $0#4+'%80%#'%'6'70'4-$,+'$0#4'5*#'-.'$,0' 1'-$0#4-$,+'6#40-'%-5'%$,#00'4-$,+'$0#4' 5*#'-.'$,0'+*4400#6#1 40-' ,0'2+$'6' $*'$'-'6#$,0'!-.0#$0#4'+'QK'3#'%-5'$,0' 0-$'#0'0E:0-+0+''-2!*5'-.'2+$'6'!'7'-.'6#' $,0'6'70'4-$,+'$0#4'%;*$'>ON'3#'6#$,0' $,#00'4-$,+'$0#4'%;*$'>KN'3#' ,0'-*4;0#' 6'+$*50-$+''-'>PKL'1%+'JNLJ'40-'%-5'JNOO' 1 40-' $,0'%.#'2*!$*#%!'','+2, !+'#0.'+9 $0#05'>>J>'40-'%-5'>K)'1 40-' ,0'+$%$0' %'5'$'$,0'+2, !+'6#>PKO'1%+'MJJ KKK'3#' H^>>O KMMF' 6'$,'+'+*4'NQN KKK'3#'1%+'*+05' $',0!:'506#%8'$,0'0E:0-+0+'6'-0058'+$*50-$+ '0':0!0+','.,'+2, !+'$,0#0''%#0' $,0# ::#9

$*-'$'0+'6#2-$'-*%$'-'+$*58''-'$,0'070-'-.' +2, !+'+2%$$0#05' $,#*.,*$'$,0'2*-$#8' -'$,0+0'+2, !+'$,0#0''%#0'%;*$'NK KKK':*:'!+' ,0#0'%#0'%!+'070-'-.'+2, !+''-'$,0'2'$'0+' ,%7'-.'%;*$'JKKK':*:'!+ .(!'.(%/',0'%#$'+,'+02-5%#8' +2, !+'%#0'2,%#%2$0#'G05';8'$,0'$,#*.,' 2%#06*!'$#%'-'-.'2 4 4 -'$'$,'+'2!%++'6'+2, !+' -'20-$#%!'*#:0',0'#,'+$ #8''+'$,%$'6'$,0' #0#.%-'G%$'-'%-5'5070!:40-$'6'$,0'%$'-' +2, !+'1,'2,',%70'0E'+$05''-'0-4%#3'+'-20' $,0'$10!6$,'20-$*#8' $'$,0';0.'--'-.'6'$,0' -'-0$00-$,'20-$*#8'$,0'-*4;0#'6'+02-5%#8' +2, !+'6#;8+''-':0-,%.0-'1%+'$10-$8?$1' 1'$,'>NKO'+$*50-$+<'*$+'50'6':0-,%.0-'$,0#0' 10#0'0!070-'+2, !+'1'$,'NMP'+$*50-$+' 02-59 %#8'05*2%$'-'1%+'4 50#-'G05''-'>)KP'1,0-' $,0'+2'0-20+'10#0'.'70-'%4#0''4:#$%-$':!%20' %-5'%.%'-'#0#.%-'G05''-'>)QK';8'$,0'0+$%;9 !'+,40-$'6''' 9 '%-5'.84-%+'%' ,0'.849 -%+'%:#0:%#05'6#$,0'*-'70#+'$8'$,0'' 9 ' 6#;*+'-0++'#6#$,0'4'55!0':#60++'-%!' +2, !+'H'-5*+$#'%!'$02,-'2%!'%-5'2 4 4 0#2'%!F' 0-20'$,0'0+$%;!'+,40-$'6'$,0'' 9 '1%+' %'502'505'+$0:'$1%#5'4%3'-.''-+$#*2$'-':#%29 $'2%!''%-5'1%+'%:%#$'6'$,0'!%#.0#4 7040-$'-' 0-4%#3''-';0,%!6'6':*!%#'05*2%$'-' ,0' $1'2!%++0+'6'+2, !+'10#0';$,'*$.#1$,+'6' $,0'!5'%$'-'+2, !+'%-5'2-+0U*0-$!8'10#0' 6$0-'2-5*2$05''-'$,0'+%40';*'!5'-.'%-5';8'$,0' +%40'6%2*!$8' ,0'%.0'6#%54'++'-'1%+'$,0' +%40'-'; $,'2%+0+'%%$10!70'80%#+' ,0'.849 -%+'%,%5'%+'E?80%#2*#+0'6'+$*58'%-5'$,0' " 9 '%2*#+0'6'6*#80%#+' ,0'1#3'6' $,0'!%$$0#+2, !'1%+'24:!0$05';8'$,0'" =' 6'$,0'!0%7'-.'0E%4'-%$'-'1,'2,'1%+' %220:$05'%+'%-'0-$#%-20'+$%-5%#5'6#4'55!0' :$60++'-%!'+2, !+','+'5*%!'+8+$04'1%+' 2-$'-*05'1'$,'601'4 5'6'2%$'-+'*-$'!'>PKJ<' ;*$'$,0'#0!%$'-';0$100-'+02-5%#8'%-5':#'4%#8' +2, !+'1%+'-$'+%$'+6%2$#8'%2,'2!%++'6' +2, !+'1%+'2-5*2$05''-50:0-50-$!8'6'$,0' $,0#'%-5'$,0':#'4%#8':*:'!'1%+'-$'%!1%8+' :#0:%#05'$'0-$0#'$,0'+02-5%#8'+2, !'+'%' 2-+0U*0-20'6'$,0+0'50602$+''$,0'1, !0'+8+$04' 1%+'#0#.%-'G05'%-5'%'-01'2!%++'6'+2, !+' 0+$%;!'+,05'$,0' 9 6#4'55!0'+2, !+' 1,'2,'%+'$,0'$'$!0'+*..0+$+'6#4'%!'-3';0$100-' $,0'6#40#!8'+0:%#%$0':%#$+'6'$,0'+8+$04'6' :*;!'2''-+$#*2$'-' ,0' 9 '660#+'% 6*#80%#2*#+0'$'1,'2,''+'%5505'%-'0E$#% 80%#6#$,+0'1,'50+'#0'$'':#0:%#0'6#$,0' " %' ,0'.84-%+'*4'660#+'%$,#00? 80%#2*#+0'6#1,'2,'$,0':*:'!'+':#0:%#05';8' $,0' 9 % ,0'+02-5%#8'+2, !+'%#0'-1':%++'-.' $,#*.,'%$#%-+'$'-'+$%$0'%-5',0-20'%-8'+$%$09 40-$+'%+'$''$,0'-*4;0#'6'$,0'5'660#0-$'2!%++0+' 6'+2, !+''+'6'$04:#%#8'7%!*0'-!8'#09 7'*+'$''$,0'!%+$#0#.%-'G%$'-'$,0#0'10#0'>OQ' " 9 6'$,'#$8?$,#00'6'1,'2,'10#0''-'2--029 $'-'1'$,'%$'-'+2, !+',0'-*4;0#'6'.849 -%+'%#04%'-+'$,0'+%40'-%401!8'6*#$00-'+$%$0' %-5'6*#2 44*-%!'#$1-'.84-%+'%''$,' $,0+0'4%8':#:0#!8';0''-2!*505'+'E$00-'R'#02?





Jean le Rond d'Alembert (1717–1783).
See p. 245.

François de Salignac de Lamothe Fénelon (1651–1715).
See p. 597.

René Descartes (1596–1650).
See p. 306.

Denis Diderot (1713–1784).
See p. 336.

A Group of Leaders in French Educational Thought.

'-' $,0' '4 : #$%-$' !'$0#%$*#0' 6' 05*2%$' -' ,0' +$%$04 0-$' 6',+' 7'01+' -'$,0' 05*2%$' -%!' 7%!*0+' 6'+2, !'+*;&02$+'#0%!!8'6 #4+'$,0' :#06%20'$'$,0' %::!'2%$' -' 6',+':,'!+ :,'2%!' 40$, 5' $'$,0' :# ;!04' 6'3- 1!05.0' ,0'+:02'%!'%'4' 6'$,0' !%$$0# 1%+'$' 4%30'. 5'$,0'506'2'0-2'0+' 1,'2,' #0+*!$05'6# 4'+2, !'-.'-'$,0'5'660#0-$'3'-5+' 6' 3- 1!05.0'$,%$' 10#0' %7%'!%;!0' %$' $,%$' $'40' $' 1%+'$,0'# !'4'$%$' -+'$,%$'*#.05',' 4'$' 5'+9 2 70# % 40$, 5' 6' #0%+ -'-.' *-3- 1-'-'$,0' ; 3+'%-5'$,0'+2, !+' 1,'2,'+, *!5';02 40'% + *#20' 6' 20#$%'-' : +'$'70'%-5'.0-*'-0' 3- 1!9 05.0' *+06*!' 6 #$,0' :*#: +0+' 6' !'60' 0' 509 4%-505'$,%$' 05*2%$' -'-' :#%2$'20'+, *!5'20%+0' %;*+'-.'!'$0#%#8'%-5',+$ #'2%!'3- 1!05.0

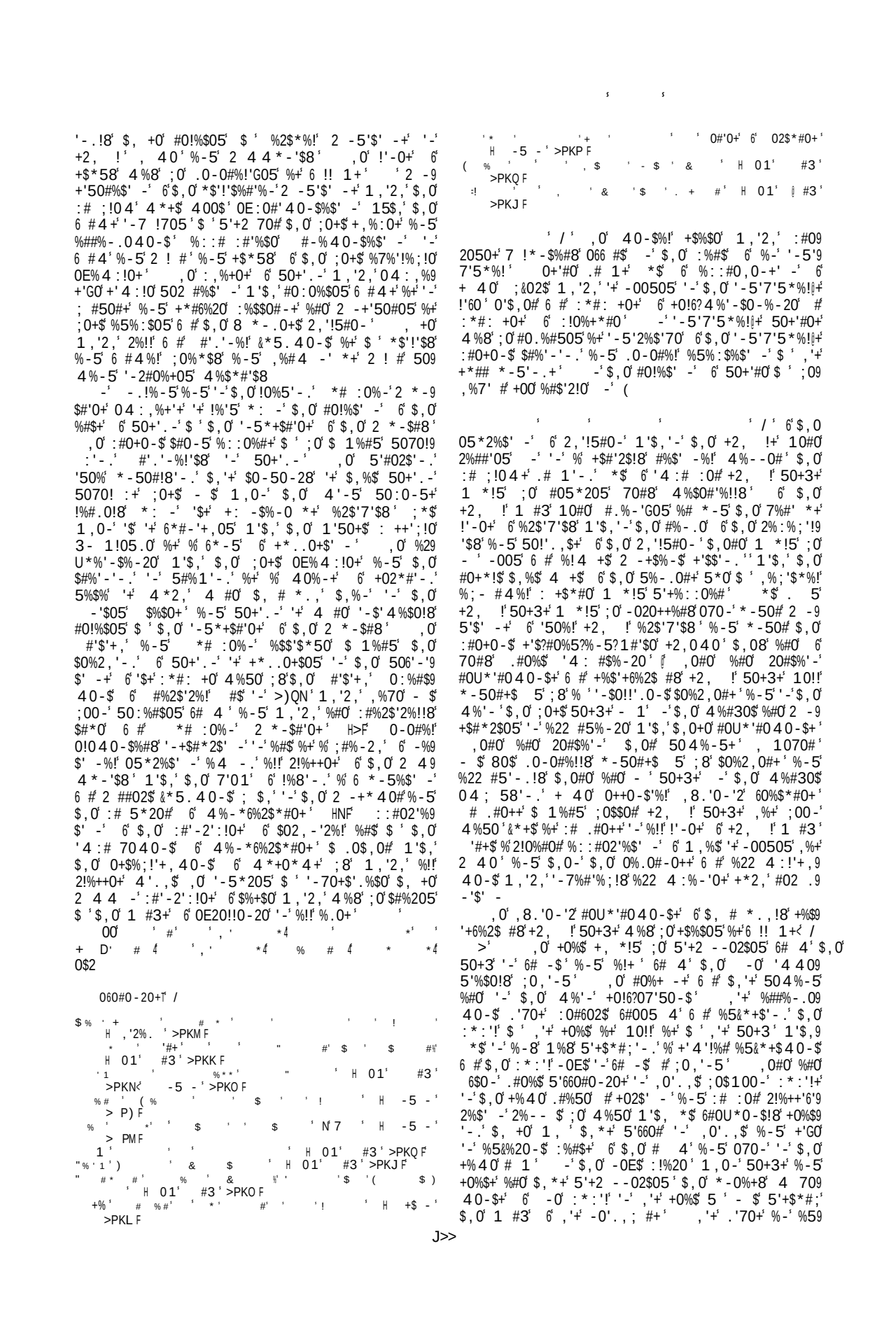
0+' %#$0+' -6!*0-20'*: -' :05%. .8'0+:02'9 %!!8'-' #0-2,'+2, !+'5*#'-.'$,0'!%$$0# :%#$ 6' $,0' +070-$00-$,' 20-$*#8' 1%+' 70#8' 4%#305' -'%: +'$'70' 1%8'$,0' :#%2$'20'-'$,0' #%$ #8' <% %*%-5'$,0' #$? 8%!'+2, !+'4<% %*+, 105' %' 5'#02$'-6!*0-20' 6',+' 40$, 5'%-5'$,0 #'0+' -',',.,0# 05*2%$' -' -0' 6'$,0' 06602$+' 6',+' :,'! + :,8' 1%+'$,0' 70#$,# 1' 6'+2, !%+$'2'+4' %-5'$,0'0!'4'-%$' -' 6' #'+$ $!0'6# 4'$,0'+04'9 -%#'0+' %-5' *-'70#+'$'0+' 54'$$'-.'$,%$' $,0' +8!! .'+4',%5'%'7%!*0'6 #$,0'5'%!02$'2%!'$#%'-'-.' 6'%8 *-.'4'-5',0' 50-'05'$+'+*:: +05'6*-29 $'-'%+'%' 40%-+' 6'.0$$'-.'-01'3- 1!05.0' +' %-' 0E:0#'40-$%!'+$'/'*+'-.',+' $0#4'- $ $ ' +$#'2$!8'/',0'5'5' 4*2,'$ '0+$%;!'+,'06602$*%!!8' $,0' !%$0# #0%!'+$'2' +$*58' 6'$,'-.+' -'%-0.%9 $'70' 1%8',+' #0!%$' -'$ '$,0' :05%. .8'%-5'$,0' :,'! + :,8' 6'$,0' (0+*'$+' '+'&*+$'%+'-$0#0+$'-.' 5*2%$05' '-',+' 8 *$,' ;8'$,04' ,0' !%$0# 2%40' $ '2 -504-'$,0'# $8:0' 6' 05*2%$' -' ,08''-' $*#-' #0&02$05',+' :,'! + :,8'%-5' 2 -504-05' $,0' #%$ #'%-+' 6 # $0%2,'-.''$ '+'2,'06'+'.-'6'2%-20', 1070#''+'$';0'6 *-5' '-'$,0'-6!*0-20',+'%2,'070 40-$+' 0E0#$05'-' #02 -+$#*2$'-.' 05*2%$' -%!'$,0 #8'%-5'-'$,0' +*..0+$'-' + 40' 6',+' '50%+' 2 -$#';*$05' $ 9 1%#5'$,0'6 #4*!%$' -' 6'%-*4;0# 6' 05*2%9 $' -%!' :#'-2':!0+' -' 0+$%;!'+,'-.'$,0'5'+$'-29 $' -';0$100-'$,0'4'-5'%-5'$,0' ; 58',0'0E%!$05' $,0'6 #40# $ '+*2,'% 50.#00'$,%$' '$+' 5'+2':!'-0' 1%+' 4%50'$,0'0-5' 6'%!!'+$*58' '+'7'01' 6'-9 -%$0'50%+'%-5' 6'$,0''--%$0'6%2*!$'0+' 6'$,0'+ *!' 50$0#4'-05' $,0' 40%+*#0' 6' %!!' 05*2%$' -%!' 40%-+' ,0'+*:#040'4: #$%-20' 6' $#%'-'-.' $,0''-5'7'5*%!'6 !! 105'5'#02$!8'6# 4',+' :,'! 9 + :,'2%!' #0&02$' -' 6'$,0':#'-2':!0' 6'%*$,#'$8' '-' 3- 1!05.0''-':!%20' 6' 1,'2,',0'%57 2%$05' $,0':#'-2':!0' 6'07'50-20'%-5'6#00'0E%4'-%$' -' ,0'%::0%!'$'#0%+ -'%+'$,0'2#'$0#' -'%-5'$' '-U*'#8'%+'$,0'40%-+' 6'$#*0'3- 1!05.0'!05'$' $,0':#'-2':!0' 6''-5'7'5*%!'!';0#$8' ,0'$#*0' 0-5' 6'40-$%!''-$0#0+$%-5'%2$'7'$8'+'- $'0#*5'9 $'-' ;*$'#0%!'3- 1!05.0' 0'%--*-205'$,0' 5 2$#'-0' 6'$,0'-%$'70'0U*%!'$8' 6'%!!'4'-5+' R' 5'+0-0'+' 6'%!!'$,'-.+'%4 -.'40-'$,0' 4 +$' 0U*%!!8'5'+$#';*$05 S' R',0':10#' 6' &*5.'-.'%#'.,$'%-5' 6'5'+$'-.*'+,'-.'$#*$,'6# 4' 0## #'+';8'-%$*#0'0U*%!'-'%!!'40-S',0''-9 0U*%!'$'0+' %2$*%!!8'6 *-5'%4 -.'4'-5+',%70' $,0'# #'.'-'''-'05*2%$' -'%-5'$,0'7%#'0$8'6 2*!$*#0'%!$, *.,',0'%54'$+'#0:0%$05!8',$,%$' $,0#0'%#0' #'.'-%!'5'660#0-20+''-'40-$%!'2%:%2'$8< + 40'4'-5+'1 #3'4 #0'#%:'5!8' $,0#+' 1!8< + 40'%#0'4 #0' #'.'-%!'$,%-' $,0#+' *$'-%$*#0''+'-$'0-*.,' 5*2%$' -' 4*+$' 2 40''-'$'+*::!040-$'%-5'5'#02$'$'+'6%# %+'$,0'4'-5''+2 -20#-05' R' ';0':++0+05' 6'%'7'. #*+'4'-5''+'-$'0-*.,<'$,0':#'40' #0U*'+'$0''+'#'.,$!8'$'%::!8''$S 5*2%$'-' '+'$,0#06 #0':++';!0'6 #'070#8'-'5'7'5*%!' $' '+'504 2#%$'G05';8';0'-.'+, 1-'$'; 0'-$% :#'7'!0.0';*$'%-%$*#%!'#'.,$' # 4'$,'+'$ 1%+';*$'%+$0:'$'$,0':+'$'-'1,'2,'509 2!%#05'$,%$' 0%2,'-0',%+'$,0'#'.,$'$'$,'-3' 6 #,'4+0!6',+''+'%504%-5'$,%$'0%2,'4'-5' '+'$';0'$#%'-05''-'$,'-3'-.';8',%-5!'-.'6%2$+' %$'6'#+$,%-5',0'# *$'-0'!0%#-'-.'%-5'409 2,%-'2%!'404#'G'-.'4*+$';0'+*:0#+0505'6 #'$' '+'#0%+-'$,%$'-%$*#%!!8'$,'-3+'%-5'3-1+' $#*$,'1,0-''$''+'*-,%4:0#05';8'1#5+'#$,0# 0E$0#-%!'%*$,#'$8'%-5':# 2005+';8'40%-+'6' $,0'40$,5'6'$,0'-%$*#%!'!.'2'4;05505''-''$+' -%$*#0' ,0'.%!'6'2!0%#$,'-3'-.';%+05'-' 07'50-20+';02 40+'%:05%. .'2%!''50%!' 0+' %#$0+'1%+':# ;%;!8'$,0'6'#+$$'%'!%8'5 1-'%+'% :#'-2':!0'$,0'504%-5'$,%$$,0'#50#'6'%2U*'#'-.' 3- 1!05.0'+,%!!'6 !! 1'$,0'-%$*#%!'#50#'6' 40-$%!'%2$'7'$8' 0'0E:!'2'$!8'+$%$05'$,%$'$,0' 4'-5':# 2005+'6# 4'$,0'3- 1-'$''$,0'*-3- 1-'6# 4'$,0'+'4:!0'$'$,0'2 4:!0E'6# 4'$,0'0%+8' $'$,0'4 #0'5'66'2*!$' ,'+ #50#,0'%::!'05'$' $,0'%5*!$'-'$,0':*#+*'$ 6'+2'0-20<;*$';8'49 :!'2%$' -'$,0'40$,5'+'070-'4 #0'4: #$%-$ 6 #$,0'8 *-.'4'-5'&*+$;0.'--'-.'$'!0%#-'$'$,'-3

,0+0':#'-2':!0+'6' 05*2%$' -'%::0%#05' -$' ;8''4:!'2%$' -'6# 4',+':,'!+ :,'2%!' +8+9 $04' -#'$+! -.'-'6!*0-$'%!',+$ #8' -'$,0' -$'-0-$';*$ 10#0'+0$6 #$,'-'$,0'#*!0+',0' 1# $0'*$6 #$,0'2 -+$%-$.*'5%-20'6',+' 1-' $,'-3'-.' ,08'2 -+$'$*$05'$,0'"0 '/' ' ('/' 6'%-5'10#0'+*44%#'G05''-' $,0'+02 -5':%#$' 6'$,0' (0 %' ,0'6 #40#*-6'-'+,05'1 #3'1%+'$' ,%70'2 -9 $%'-05'$,'#$8?+'E'#*!0+';*$ -!8' $10-$8? -0' 10#0' 1#'$$0-' *$' ,08'.'70',+';0+$ +$%$09 40-$' 6'$,0'R'-%$*#%!'S'!.'2',0'5'+2 70#05' 1'5'#02$!8'4 50#-' :05%. .8'+' -50;$05' $' 0+' %#$0+6 #+40'6'$+:#'-2':!0+4%8' ;0'+00-''-'+40'6'$,0'"0 'H ##07'::' O>66 F

H #: #$#%'$'+00' ::':':JKL F

O6O#0-20+T /

$ o '&'1 ' ' ' + ' %
N7!+' ' %#'+'>,K)
& *' ' ' ' ' ' .(' H$#%-+F'
H -5 -'>)PL F
-% % # ' ' ' ' 6' ' /' ' % H 01'
#3'>PKQ F 5',';!' #%:,8
% %//' (' ' ' H !%231 5+' ,'! +' !%+9
+'2+F H 5'-;*#.,'>))>F
+ ' -'%' ' ' + ! /'' ' ' #
('/ ' ' H$#%-+F' H 01' #3'>)PN F
A . '(' ' 6' ' . ('/'
'+ ('/' '4 ' H$#%-+F' H 5'''!'*#.,'
>))K'%-5' ,'2%. '>PK>F



6# -$' 05 . 0' 6' $, 0' + 0 %$' ; %#5' + , *!5' ; 0' # *-5'-.' %-5' $, *+' 66 0# -' +, %#:' +*#6%20' $ ' '##'$%$0' $, 0' !'4 ; +' #' 2 , 023' $, 0' 2'#2*!%$' -

, 0#0' 2%-' ; 0' !'$$!0' , 0+'$%$' -' '-' +%8'-.' $, %$' $, 0' $8 : 01#'$0#÷+' 2 , %'# 6*#-'+, 0+' + 4 0' 6*-5%9 4 0-$%!' '50%+' 6 # $, 0' ; 0+$' +2 , !' +0%$' %-5' 0+9 : 02'%!!8' 6 # $, 0' *+0' 6' .'#!+' '-' $, 0' , '. ,' +2 , !' , 0' -!8' 2#'$'2'+4' -' $, 0' ; %23+' 6' $, 0+0' 2 , %'#+' '+' $, %$' $, 08' %#0' . 0-0#%!!8' : 0-' ; 0! 1' $, 0' +!'5'-.' ; ! 23' %-5' , 0-20' + 4 0$' 4 0+' 2%*+0' *-0%+'-0+' 1'$, '#060#0-20' $ ' : # : 0# %5&*+$ 4 0-$' 6' ; 0!$' %-5' : !%230$' -' $, %$' 6 # 4' 6' 50+3+' 4 +$ 6#0U*0-$!8' 6 *-5'-'+2 , !# 4 +' $, 0' +0%$' '+' 6%+$0-05' $ ' $, 0' 50+3' '4 405'%$0!8' '-' $, 0' #0%#' %-5' '+' %+' ! -.' %+' $, 0' 50+3' $: ' , 0#0' +00 4+' $ ' ; 0' - ' 7%!'5' #0%9 + -' 6 # $, '+' 070-' 6# 4' $, 0' : '-$' 6' 7'01' 6' 2 -9 +$#*2$' -' $' '+' 20#$%'-!8' ; 0$$0# - $' $ ' , %70' $, 0' +0%$' %-8' ! -.0# 6# 4' !06$' $ ' #'. , $' $, %-' %2 49 6 #$%; !0' +'$$'-.' : +$*#0' 6' $, 0' ; 58' 504%-5+' 6 # $, '+' 1= *!5' : #070-$' 4 *2 , ' 2%#0!0++' ! *-.'-.' %; *$' %-5' %!+' 4 %30' '$' 4 *2 , ' 0%+'0# 6 # $, 0' : * : '!' $ ' : %++' '-' %-5' *$' 0+'50+' '$' 1 *!5' .'70' %' !'$$!0' ; 0$$0# +$%-5'-.' # 4' ; 8' $, 0' +'50' 6' $, 0' 50+3

, 0-' ; 0-2 , 0+' %#0' *+05' %-5' $, 0' +0%$' '+' $, 0' +% 4 0' !0-.$, ' %+' $, 0' 50+3' $: ' '-' #50# ' $ ' !0++0-' $, 0' 5'66'2*!$8' 6' .0$$'-.' '-' %-5' *$' '$' , %+' ; 00-' 6 *-5'-020++%#8' $ ' , '-.0' $, 0' +0%$+' + ' $, 08' 2%-' ; 0' #%'+05' 1 , 0-' $, 0' : * : '!+' 1'+, ' $ ' .0$' *$' , '+' , %+' %! 1%8+' ; 00-' -0' 6' $, 0' - '+8' $# *; !0+ 40' 60%$*#0+' 2 --02$05' 1'$, '+*2 , ' 50+3+' $, *. ,' '$' 5 0+' %66 #5' % &%-'$ # 4 #0' # 4' 1 , 0-' 2!0%-'-.' $, 0' 6! #+' , 0-' +0%$+' %#0' 4 %50' $, 0' : # : 0# !0-.$, ' 6# 4' +'50' $ ' +'50' %-5' 1 , 0-' $, 08' %#0' : # : 0#!8' : !%205' 1'$, ' #060#0-20' $ ' $, 0' 50+3+' $, 0' -020++'$8' 6' , '-.'-.' $, 04' , %+' !%#.0!8' 5'+%: 9 : 0%#05' 0%$+' 4 %50' '-' 2 , %'# 6 # 4' #0 : #09 +0-$05' ; 8' $, 0' %22 4 : %-8'-.' 2*$' %#0' %4 -.

$, 0' ; 0+$' -' $, 0' 4 %#30$' 6 #+2 , !' : *#: +0+' %-5' %#0' *+05' '-' 4 %-8' : %#$+' 6' *#' 2 *-$#8' %-5' $, 0#0' %#0' -' +0#' *+' ; &02$' -+' $ ' $, 04' -' %22 *-$ 6' $, 0' '-2 -70-'0-20' 6' .0$$'-.' *$' %-5' '-' $' -0' $' 40' +0%$+' !'30' $, 0+0' +1'70!05' $ ' $, 0' *: #'. , $' 10#0' 4 %-*6%2$*#05' ; *$' $, 08' 10#0' + -' 6 *-5' $ ' ; 0' '4 : #%2$'2%; !0' 6 # $, 0' 2 , '!5#0-' 10#0' -$ -!8' *-+$0%58' 1 , '!0' %$' 1 #3' ; *$' $, 08' 6 *-5' 4 *2 , ' 6*-' '-' $*#-'-.' %; *$' %-5' ; 02%40' 0E : 0#$' '-' 4 %3'-.' $, 0' +0%$' +U*0%!' ' 2*#' *+' 6 #4' 6' +0%$' ; %#5' 1%+' 50+2#'; 05' ; 8' #%20' %--' '-' $, 0' +*: : !0 40-$' $ ' , '+' 6'#+$' 0 ' " ¼ $

1%+' 50+'.-05' : #' 4 %#'!8' %+' $, 0' %22 4 : %-8'-.' 2*$' 1'!' +, 1' $ ' 6*#-'+, ' +$%-5'-.' # 4' #%$, 0# $, %-' $ ' 4 %30' '$' 0%+8' 6 # $, 0' : * : '!' $ ' .0$' -$ ' , '+' +0%$' # *$' 6' '$

' +%$'+6%2$ #8' +0%$+' %: : 0%# $ ' , %70' ; 00-' 4 %50' 1 , '2 , ' 50 : 0-5' -' %5&*+$ 4 0-$+' $ ' : # 7'50' 0%2 , ' 2 , '!5' 1'$, ' % +0%$' 6' $, 0' : # : 0#' 1'5$, ' #$*-%$0!8' $, 0' 5%-.0#+' '-2'50-$' $ ' 4 %!%59 &*+$ 4 0-$' , 0#0' %#0' - $' + ' .#0%$' %+' $, +0' 1 , 0#0' $, 0' +0%$' ; %#5' '+' $ ' , '. ,' #$ ' ! 1' $'!!' $, 0#0' %#0' + 40' '4 : #$%-$' 2 -+'50#%$' -+' $ *2 , '-.' $, '+' 4 %$$0#' 1 , '2 , ' $0%2 , 0#+' %-5' +2 , !' %*$, #'$'0+' '-' .0-0#%!' +, *!5' - $' -0.!02$' 6' $, 0' +0%$' ; %#5' '+' $ ' 1'50' 6# 4' 6# -$' $ ' ; %23' '$' 1'!!' 2%*+0' $, 0' : * : '!' $ ' +!'50' %1%8' 6# 4' $, 0' ; %23' #0+$' %-5' ; 0-5' 70#' $, 0' 50+3' 6' '$' +' $ ' -%## 1' '$' 1'!!' - $ 6*#-'+, '+*66'2'0-$+*: : #$' 6 # $, 0' $, '. , +' $, 0#0 ; 8' '4 : 05'-.' 2'#2*!%$' -' %-5' %!+' #0-50#'-.' $, 0' +'$$'-.' : +$*#0' *-+$0%58' %-5' %131%#5' , 0' +0%$' ; %#5' *. , $' $ ' ; 0' +*66'2'0-$!8' 1'50' $ ' #0%2 , ' 1'$, '-' %$' !0%+$' $1 ' '-2 , 0+' 6' $, 0' *-50#' +'50' 6' $, 0' ! 10#' !'4 ; +' 1 , 0-' 6!0E05' %$' $, 0' 3-00' 1 , 0-' $, 0' : * : '!' +'$+' 10!!' ; %23' '-' $, 0' +0%$' %-5' : # : 0#!8' *+0+' $, 0' ; %23' #0+$' -' $, 0' 4 %'-' $, 0' 7%#' *+' +'G0+' 6' +0%$+' 6*#-'+, 05' $ ' +*'$' $, 0' .#%50+' ; 8' $, 0' 4 %-*6%2$*#0#+' %#0' - $' +0#' *+!8' %$' 6%*!$' '-' $, '+' #0 : 02$' *$' $, '+' +, *!5' - $' #0!'070' $, 0' $0%2 , 0#' 6# 4' 4 %3'-.' 070#8' 066 #$' $ ' +02*#0' $, 0' ; 0+$' %5&*+$ 40-$+' : ++' ; !0

Q' 0+3' $: +' *. , $' $ ' ; 0' 4 %50' 6' 10!!?+0%9 + -05' , %#5' 1 5' %-5' 6'-'+, 05' 1'$, ' % 5*!!' +*#9 6%20' $ ' : #070-$' $#*; !0+ 40' !'. , $' $' : #0+0-$' 4 +$' 50+3' $: +' %#0' $ ' !'. , $' '-' 2 ! #' %-5' #09 6!02$' '-$' $, 0' 080+' *+0!0++' !'. , $' , 0' 2 , '!5#0-' 1 *!5'.0$ %. 5' 50%!' 6' #0!'06' 6# 4' 080+$#%'-' '6' $, 0' 50+3' $: +' 10#0' 6' % 5%#3' 5*!!' ; # 1-' #%$, 0# $, %-' $, 0' -%$*#%!' %3' # 4 %: !0' 6'-'+, '.0-0#%!!8' 6 *-5' $' +$%-5+' $' #0%+ -' $, %$' %!!' 6' $, 0' -005 9 !0++' #06!02$05' !'. , $' $, %$' 2%-' ; 0' 30 : $' *$' 6' $, 0' : * : '!{+' 080+' 1'!!' +0#70' $ ' 4 %30' $, %$' 6# 4' , '+' ; 3' # : %: 0# 4 #0' 066 02$'70

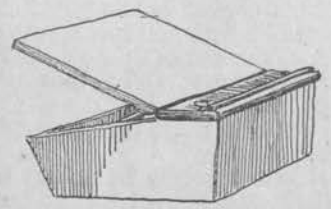
, '!0' + 40' ; &02$' -' 4'. , $' ; 0' #%'+05' $ ' 5%#30# 50+3+' -' $, 0' ; %+'+' 6'!'. , $' %; + #: $' -' %-5' $, 0' 4 #0' + 4 ; 0# $ -0' $, *+' '-$# 5*205' '-$' $, 0' +2 , !# 4' %!' ; +0#7%-$' $0%2 , 0#+' 1'!!' #0 4 0 4 9 ; 0# $, %$' $, 0' ; 0+$' %-5' 4 +$' +%$'+68'-.' 6*#-'$*#0' '-' $, 0' , 40+' , '+$ #'2%!!8' 2 -+'50#05' %#0' $, +0' : '020+' 4 %50' 6' $, 0' 5%#3' 1 5+' # $, +0' +$%'-05' $ ' .'70' $, 0' 50%5' 10%$, 0#05' 066 02$' 0+'50+' $, 0' 1%!!+' %; 70' $, 0' !'-0' 6' 7'+' -' 1'$, ' $, 0'# !'. , $0# +, %50+' %-5' $, 0' : '2$*#0+' 4 %: +' 0$2' 1'!!' 6*#-'+, '+*66'2'0-$; #'. , $-0++' 6' $ -0' $ ' 2 *-$0#9 %2$' %-8' + 4 ; 0# 066 02$' : # 5*205' ; 8' % 5%#30# 2 ! #05' 50+3' , 0' 5%-.0#' 5*0' $ ' $, 0' %; + #: 9 $' -' 6' !'. , $' 1 *!5' -020++'$%$0' !'. , $?2 ! #05' 50+3+' '-' %!' # 4+' - $' +*66'2'0-$!8' !'. , $05

O' -0' 6' $, 0' -020++%#8' 2 -70-'0-20+' 6' % +2 , !' 50+3' 1 , '2 , ' .'70+' $, 0' $0%2 , 0# 4*2 , ' $# *; !0' '+' $, %$' 6' '-310!!+' 0# , %: +' $, 0' $'40' '+' 2 4'-.' 1 , 0-' 6 *-$%'-' : 0-+' 1'!!' ; 0' 4 %50' +*66'2'0-$!8' 2 , 0% : ' 5*#%; !0' %-5' #0!'%; !0' $ ' 1%#9 #%-$' +2 , !' %*$, #'$'0+' '-' 6*#-'+, '-.' $, 04' 6#00' $ ' $, 0' 2 , '!5#0-' 6' $, 0' *: : 0#' .#%50+' *$' $, %$' $'40' '+' - $' , 0#0' %-5' %$' : #0+0-$' $, 0#0' 4*+$' ; 0' *+05' '-310!!+' +0$' + 401 , 0#0' '-' $, 0' 50+3' $:

DESKS AND SEATS

The best place for these is on the level ledge near the right-hand corner. They must be easily removable by the janitor when they need cleaning; they must be covered when not in use, to prevent evaporation and the gathering of dust in the ink, and they must be so situated that they can be easily filled without spilling the ink on the desk. When placed as far to the right corner as possible, they offer less temptation for the listless child to handle or disturb them thoughtlessly. Then, too, this position removes them from contact with the ordinary book or writing tablet. They should be set flush with the surface of the desk top and fitted with a noiseless, close-fitting lid.

7. Each desk should be so constructed as to furnish a safe, convenient, and inclosed place to hold all necessary books, pencils, and paper when not in use. The usual way is to insert a shelf some inches below the desk top. This plan is not satisfactory, as every teacher who strives for efficiency and neatness knows. From such shelves, books are always falling because the child can neither see how to arrange them when putting them away, nor can he easily get the book he wants after it has been put away. When so placed, books and papers gather much dust, and are rarely arranged neatly, even though the teacher wastes much time in inspection. Such shelves, if wide enough to accommodate geographies and other books of like size, are often troublesome to the knees of the pupils in the higher grades. A much better arrangement, in every way, consists in making a tight box under the lid of the desk, as shown in the accompanying cut. This keeps all books, papers and implements out of sight when not in use, shields them from much dust, and prevents them from falling on the floor. It also often prevents books from being lost, or taken by those to whom they do not belong.



8. Aside from the proper height of seat and desk, and proper amount of light, heat, and fresh air, nothing in the way of school hygiene is more important than the proper adjustment of the desk top to the work the pupil is called upon to do.

The general truth which should be emphasized is that the line of best and easiest vision to the page of a book or writing tablet will fall approximately at a right angle, and either the child will adjust *himself* or else he will adjust his *books* to meet it, but cannot adjust his writing to meet it. Any teacher who has given unbiased thought to this matter, and who has sought to habituate her pupils to sit erect while writing or reading at flat-top desks, or those with a slant even as much as 10° or 15°, will agree that it is practically impossible to keep children from bending over their work. Day after day and month after month, attempts are made to habituate certain classes of children in the primary grades to work while sitting erect. They are eager to obey, as nearly all children of the primary classes are, but they cannot keep straight. They do not bend over out of a spirit of carelessness or laziness, but because of a demand for clear, distinct, and unmolested vision. And when one finds school children *en masse* persistent in any line of behavior, it is always a wise precaution to withhold judgment against such behavior until time has been taken to investigate the real causes underlying such action. As a result of certain attempts to habituate children to a proper posture while seated at the ordinary desk with a top sloping about 10°, it was found that in nearly all cases the pupils held their books in their hands, and that the angle of easy vision apparently demanded a slope of 45°. A comparable experiment could not be made for actual writing because there were no desks with that slant to use, and holding paper or even cardboard for writing introduced too many difficulties. However, when asked to hold their writing book in such a way as to read most easily, the same results, of course, were obtained as in the case when holding printed books. Now, when considering these results with reference to the problems of crooked backs, narrow chests, myopia, and many other ills due to improper posture, it became evident that the children are being seated in desks which make it absolutely necessary for them to lean over to read and write, or else to hold their books in their hands. It is very plain that they will not hold their books properly for any length of time, for the simple reason that it is impossible for them to do it. Children are restless partly because they fatigue quickly in

DESKS AND SEATS

any one position, and to expect them to hold up their books, in order that they may sit in an erect position, is altogether beyond reason. But when they rest their books on the desk, to get the right angle of vision and sufficiently near the page to read easily, they must of necessity bend over their work. On this basis and no other can one account for the persistent tendency of school children to take bad postures, for otherwise they will take a normal position for the greater part of the time. And just at this point it must be insisted upon that children must be allowed to rest themselves even from sitting erect. Anybody knows that it is very restful to bend over occasionally, even though sitting in the most comfortable chair and listening to an interesting speaker. But school desks as at present made are undoubtedly demanding abnormal postures and making them habitual. The objection that the ink will not flow well when writing on a desk at a slant of 45° is of course rather serious, but only when considered with reference to the time spent in writing with ink. But this forms a very small part of the written work of the children, and the pencil can be used as readily on a desk of this slope as on a flat one. Besides, the time is almost here when fountain pens will be used in the upper grades instead of the ordinary steel pens, and then the difficulty will be practically overcome, for these often need a little holding back to prevent flooding. "The least possible work will be given the eyes if the reading matter rests on a desk at an angle of 45° with the horizon, because in this position the bottom of the page will be at the same distance from the eye as the upper part, and the eye will be able to read all the type thereon without changing its focus to any appreciable extent. For writing, however, a desk top at an angle of 45° would have serious disadvantages. For instance, the ink would not flow properly from the pen at this angle, and, moreover, the arms and hands would have to be held in an irksome and tiring position. The most convenient slant for the writing desk is an angle of 15° with the horizontal." (Lyster, R. A. *School Hygiene*, pp. 123–124. London, 1908.) With reference to Dr. Lyster's statement that writing at a desk with a slant of 45° necessitates that the "arms and hands would have to be held in an irksome and tiring position," it will be illuminating to recall

An Adjustable Steel Frame Desk and Seat.

Adjustable Desk and Seat made of Compressed Steel.

A Favorite German Desk.

DESKS AND SEATS

that during the Middle Ages, when the best writing the world has ever seen was done, and when all books were made in manuscripts, the monks and copyists almost invariably worked at desks with a slant approximating 45°. Of course, in the beginning of such work, they may have been inclined to take delight in "crucifying the flesh," and readily worked under many inconveniences, no doubt; but as time went on they not only sought to relieve themselves from useless pain, but also came to look with much favor and approval on whatever made their work easier and gave them better means of doing it more beautifully. It is not probable that the slant of the writing boards and desk tops used then grew out of any desire to take an awkward position. The pictures they left of their desks indicate very plainly that at this time they sought a slope which would enable them to do their work with the greatest comfort and skill. No one can study with any degree of carefulness the wonderfully illuminated books and manuscripts preserved from the half century prior to the invention of printing, without realizing that those who made them wrought for the glory of God, and the delectation of humanity

A Monk in the Scriptorium.

through truth and beauty, rather than through the desire to set tasks for themselves or devise means of torture and pain. After a good deal of time spent in going over such manuscripts and illuminations, no evidence can be found that writing on desks at the slant they came to use was awkward or irksome. If the reader wishes to assure himself on this point, he will find a number of illustrations in John Willis Clark's book, *The Care of Books*, bearing on this point. Note the slant of the board upon which the writing is done, the distance of the eyes from the work, the direction of the line of sight, the weights designed to hold the parchment not in use, position of the inkhorns showing the use of the right hand, the near position of the bottom of the board, the string at the left for holding the board and adjusting its slant, and the width of the board. A scribe so conditioned could not do his work without sitting fairly erect; and this, to my mind, is the only solution to the problem of securing correct postures in school children; we must so condition them for their work that they cannot do it without maintaining good posture. Doubtless objections will be urged against taking this Middle Age document as a guide, for it will be said, and said truly, that the writing of that time was more in the nature of printing by hand or painting with a pen, as an artist draws and paints with a brush, than a cursive handwriting. The fact remains, nevertheless, that these copyists and illuminators worked out a slant for a writing desk to suit the demands of their work and the hygienic posture of their bodies. There is but little doubt that, if adults were compelled to go to school to-day, and required to work as children work, it would be but a short time until school desks would show great improvement. As long as children sit at them it is, for most people, easier to let them alone and go on in the "good old way." The discussion of the desks used by the monks of olden times, and the illustration accompanying it, have been introduced for the purpose of suggestion and comparison, rather than as direction and guidance; but when the ideal hygienic desk top is made, it will be at an angle not appreciably smaller than that represented.

Put briefly, the essential requirements of convenient and properly constructed desks are as follows: (1) They should be single, that is, made to accommodate one pupil. (2) The seats and desks should be separate, so that the movements of one pupil would in no way disturb another, and also that each pupil may have both seat and desk adjusted to his individual needs. (3) Both desks and seats should be so constructed as to be readily adjusted to the specific individual needs of the pupil. (4) The desk should be provided with a box to receive all books and supplies, and keep them free from dust. The open shelf under the desk top is not satisfactory. (5) The box for books and supplies should in no way interfere with the movements or easy posture of the pupil while seated. (6) Both desk and seat should be strongly constructed, so that when fastened to the floor, they will be firm and steady. (7) The supports and braces of the desk should be so arranged as to give free and easy movements of the pupils' feet without bumping. (8) Those desks so constructed as to offer the least interference to cleaning or polishing the floor are, other things being equal, to be preferred. (9) The desk top ought to have a much greater slant than now given, in accordance with the reasons given

in the preceding discussion. (10) Both desks and seats should be adjustable in all parts as to height, position, shape, and slant. (11) The desk should be so situated with respect to the seat that the lid of the desk should overhang the seat two inches at least. (12) Each child in the grades should be measured sitting and standing at least twice or three times during the school year, in order to make adjustments as frequently as needed. (13) Desk tops should be without high polish and of a color which will not reflect too much light into the eyes of the pupils. A color which will give an easy contrast with the pages of a book will meet this requirement. (14) Seats and desks should be strong, simple of construction, and easily cleaned, and so finished that the use of disinfecting materials will not harm or blemish them. (15) Seat boards should be wide enough to comfortably accommodate the pupil, but no wider. (16) On the whole, where single desks are used, there is less noise and trouble with seats in the form of chairs than in the form of benches. It is better, too, where single desks are used to have children stand in aisles to recite than to turn back a hinged seat and stand behind his desk. With a properly constructed chair and desk, plenty of room is given for him to get in or out without trouble or disturbance. (17) The chair back should be adjustable to the changes in the curve of the back, especially of adolescent girls, as noted in the discussion above. (18) The back of the seat should reach nearly to the shoulder blades when the pupil is sitting properly, and should never be higher. Most school seats err in this regard. (19) There are some distinct advantages in the style of German desks illustrated which permit pupils to stand while working, so as to get a restful change of position. (20) Desks made with the slant suggested must have a slight ledge near the inner edge to keep books from sliding off. A groove near the outer edge is needed to retain pencils and pens. (21) A chair or bench with a solid back is better than one with spindles, or open boards. F. B. D.

Adjustable Chair Desk with Lifting Lid.

Adjustable Chair Desk with Open Box.

For References, see article on ARCHITECTURE, SCHOOL.

DES MOINES COLLEGE, DES MOINES, IA. — A coeducational institution founded in 1865, and under Baptist control. Preparatory, collegiate, educational, musical, and commercial departments are maintained. Fifteen units of high school work are required for entrance. Admission is by examination or on certificate from an accredited school. The course in the department of education leads to the first-grade state certificate. There are nine professors and twelve instructors on the faculty.

DESTRUCTIVE CRITICISM. — See SUPERVISION OF TEACHING; CRITICISM, THE FUNCTION OF EDUCATIONAL.

DETENTION. — One of the means of punishing children at school is to deprive them of privileges. Detention from play and other dispositions of child leisure is one form of punitive deprival. Detentions are usually of two sorts: (1) detentions from play at recesses or other intermissions, and (2) detentions after school. Owing to the increased appreciation of exercise, fresh air, and recreation as factors in the health of children, detentions are less used than before. Detentions for failure in school work are more and more infrequent as teachers realize that such shortcomings are not primarily matters of moral laxness to be overcome through punishment. The imposition of work from the school studies as a means of keeping the child busy during detention is likewise decreasingly justified by teachers, inasmuch as it tends to create a hostility on the part of the child toward the subject thus used.

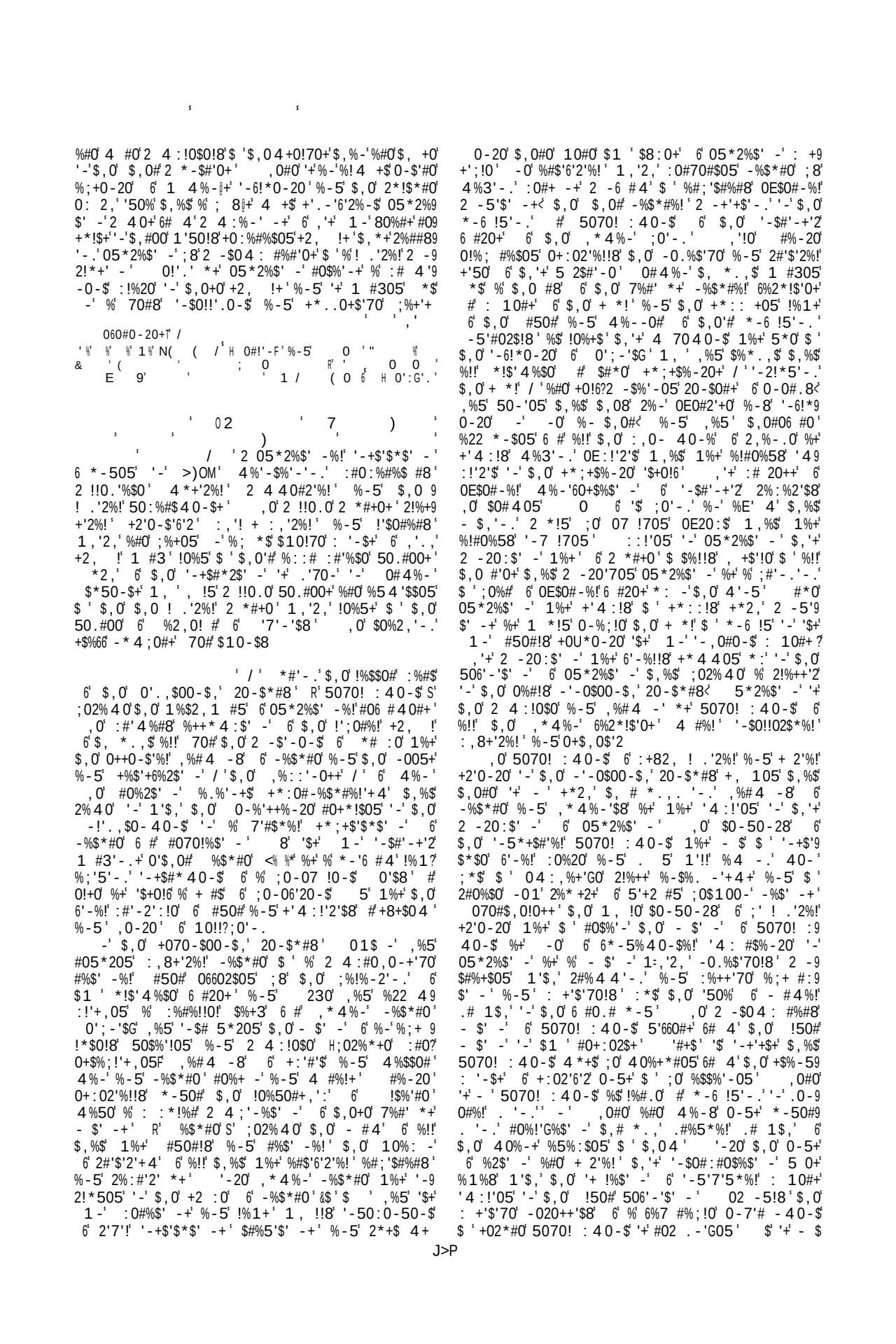
See REWARDS AND PUNISHMENTS; SCHOOL MANAGEMENT.

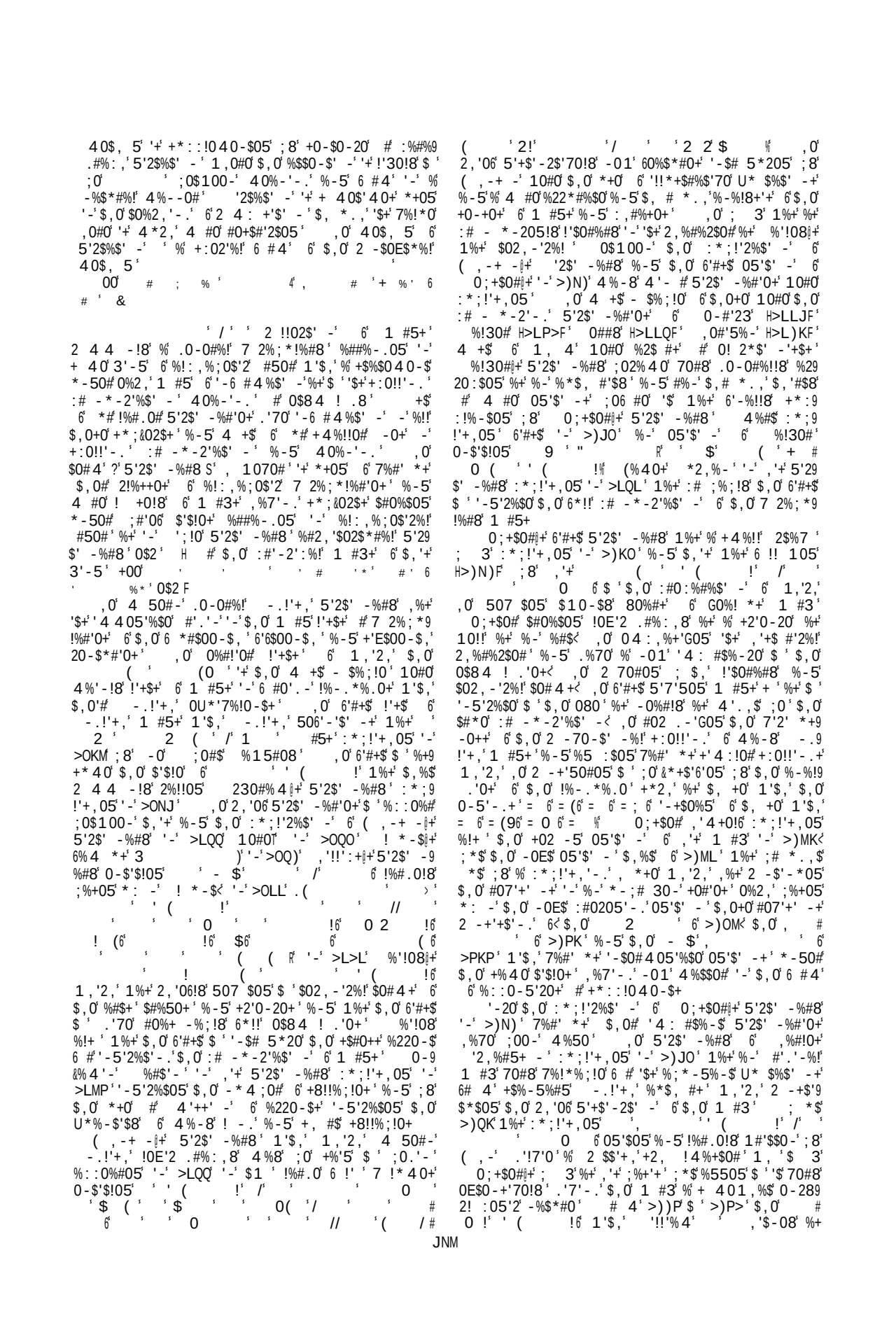
DETENTION SCHOOLS. — A term sometimes applied to schools for delinquents (*q.v.*), but more properly to classes formed for children who are awaiting trial or being held as witnesses. In the New York City jail ("The Tombs") such classes have been maintained for years by philanthropic individuals. The children confined there have usually had poor educational advantages, and since the opportunities to do effective teaching in the jail are good, some of the teaching has produced unusual results. With the development of suitable machinery of oversight and probation in connection with the Juvenile Court (*q.v.*), the older fashioned detention school will doubtless disappear.

DETERMINANT. — A device for representing certain types of algebraic expressions in a contracted form. Thus the determinant

$$\begin{vmatrix} a & b & c \\ a' & b' & c' \\ a'' & b'' & c'' \end{vmatrix}$$

stands for the expression $ab'c'' + a'b''c + a''b\,c' - a''b'c - a'b\,c'' - a\,b''c'$, and is a much shorter way of representing it. A determinant with two terms on a side is a determinant of the second order. The one above given is of the third order. Determinants may be of any order n, where n is a positive integer. There are





'-$,'+1%8'-$,0 4%3'-.6 7%#'*+5'2$'-9%#'0+-1$,0 4%#30$'0$,0#$0%2,0#+-#;%#5+6 05*2%$'-#5'-%#'!8 2%-4%30$,0 0E%4'-%$'-$,%$'1'!!50$02$$,'+<%-$-0 2%-$,%70$,0*-'70#+%!'-6#4%$'-$,%$'1'!!'1'$,*$'-70+$'.%$'-0-%;!0 50$02$'-6'-%29 2*#%2'0+%-5.0-0#%!'*$? 6?5%$0?-0++1,'2,';09 2 40+.!%#'-.1,0-'-70+$'.%$'-,%+;00-4%50' 601*:?$?5%$0 506'-'$'-+%-5%2!#05'-!%$0 ,0#0%-20 6$,#*.,-0++%-5%29 2*#%28' $4%8+%60!8;0+%'5',1070#$,%$%-8*-%;#'5.05 5'2$'-%#8$,0#06#0'1'+1'$,*$,0 :#'4%#8#0U*'+'$0 6%22*#%28'6'$+$02,-'2%!$0#4+%#0 506'-05;8.0-0#%!#07'+0#+#%$,0#$,%-';8+:02'%!'+$+'6'''-%-8 1#3'%!!$,0 $0#4+'-$,0+070#%!+2'0-20+,%70;00-#07'+05;8+:09 2'%!'+$+''$'+'+%60 $'%++*40$,%$$,%$6%2$1'!!;0+$%$05'%-5'$,0-%40+6$,0+2'0-$'+$+.'70-< %-5''$'+0U*%!!8+%60 $'%++*40$,%$1,0-'$,'+'+-$5-0$,01#3',%+;00-4%50';82:8'-.$,0#*+*%!!8;+!0$0'::',2%!'6#4'%+10#'-$8'%+'-$,0:#0+0-$%$'-6$,0+*;9 &02$4%$$0#'0$8:0'4:#0++'-+,*!5';0 2!0%#'%-5$,0+84;!+*+05'0%+'!8'-$0!!'.'9;!0'$'$,0%70#%.0':'!0$8:,'2%!'%###%-.040-$+,*!5';0+'4:!0'+$,%$'$,0':'!'1'!!3-1'1,0#0'$'!3'6#%$0#4'600!'-.6'*-20#$%'-$8'%+'$'1,0$,0#%1#5'#:,#%+0'1'!!;06*-5'-0':!%20'#%-$,0#'+6$0-'+*66'2'0-$$'$50$0#%2,'!5'6#4'!3'-.'*:'$+'40%-'-.'$,*.,',0'+,*!5',%705-0'+'$'-:#0:%#0',+!0++-:#:0!8'0 6#4'6+$%$040-$'-'$,0'506'-'$'-+,*!5';0'2!0%#'%-5'-$'-7!705'-'$,'+'#0+:02$'70#;'%.0'%+'10!!'%+'5'+$'-2$'-+'-$'-7!7'-.'%4%$0#'%!'5'6960#0-20''-'40%-'-.'$0-5'$'2-6*+0'$,0'+$*50-$-282!:05'2''-6#4%$'-'1,'2,''+'2!+0!8'2--02$05'1'$,'$,0'40%-'-.'6'%'1#5'+'%-'%57%-$%.0'$'$,0'4#0'%57%-205'%-5'6$0-'#0-50#+'2!0%#'%506'-'$'-'1,'2,'2*!5'-$';0'#'06!8'%-5'2!0%#!8'0E:#0++05'1'$,'*$'$'%-8'$0#4+$,%$'%#0'!305'*:',70'+40'+:02'%!'%::!'2%$'-'#0!%$'-'$,0'+$%$040-$'6'1,'2,'$,*.,'0-282!:05'2''+'$,0'4%'-'$,'-.'6#1,'2,'$,0'5'2$'-%#8'+2-+*!$05'*2,''-6#4%$'-'1,0-'-$':#0#!8'+0:%#%$05'6#4'$,0'506'-'$'-'$+0!6'4%8'#0+*!$&-'2-6*+'-'-50#$,'+',0%5'4%8';0'-2!*505'$,0'3'-5'6'-6#4%$'-'.'70-''-'+8--84+'*2,'4%$$0#2%--$*+*%!!8';0'-2#:#%$05'-$'$,0'506'-'$'-+<;*$'$'+'-0'6'$,0'4:#$%-$6*-2$'-+'6'$,0'!%#.0#'0+:02'%!8'6'$,0'*-%;#'5.05'5'2$'-%#'0+'$'6*#-'+,'+*2,''-6#4%$'-

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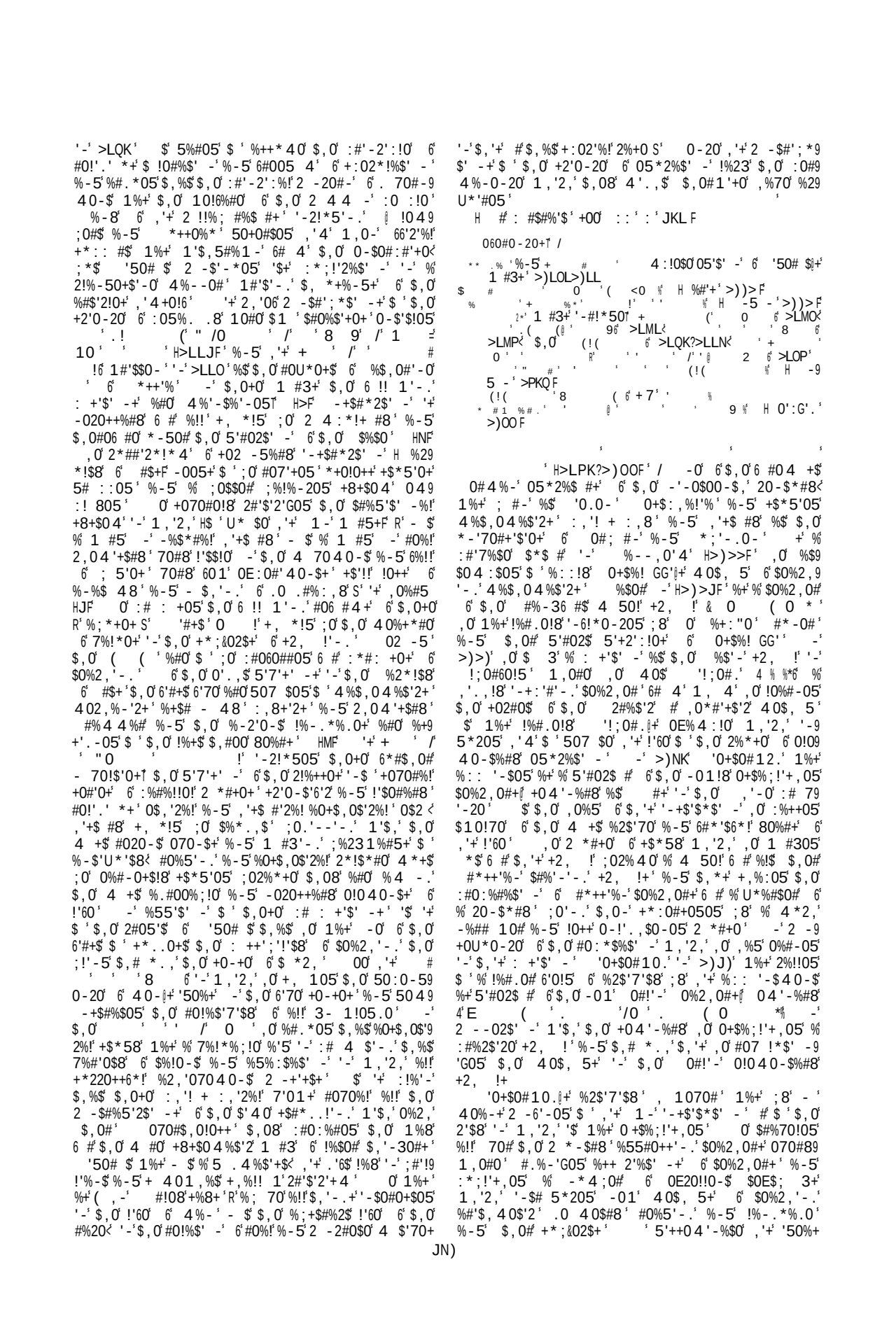

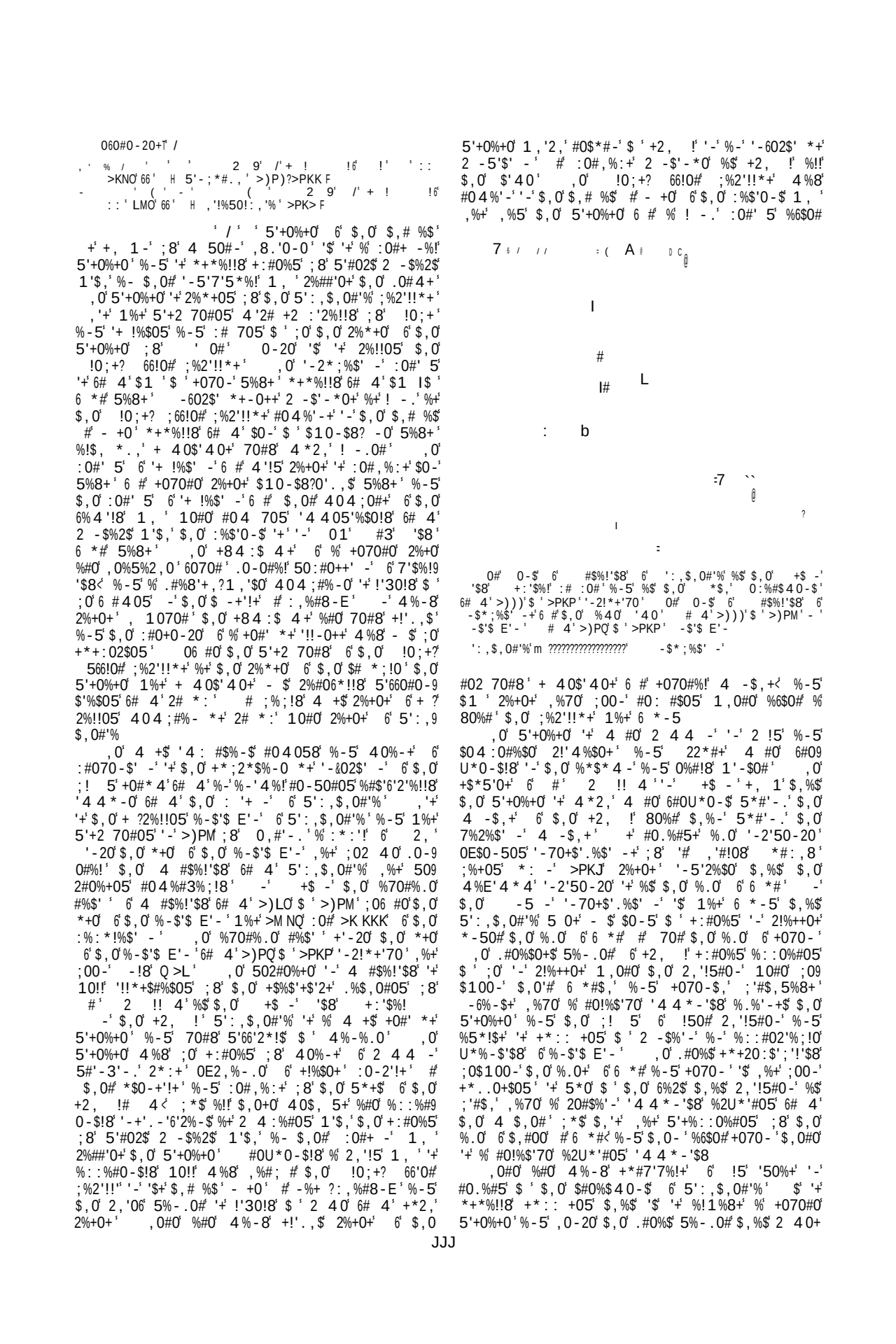

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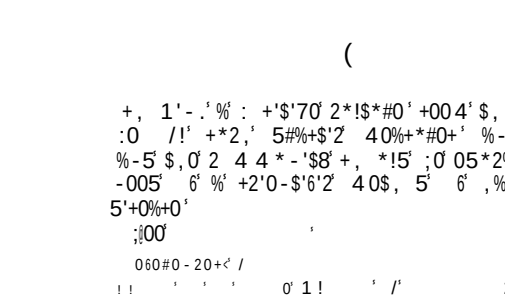
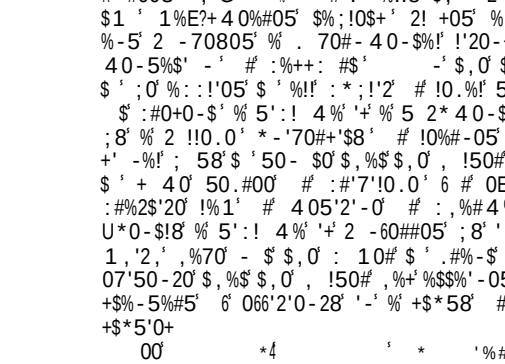
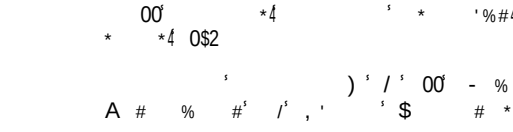
6# 4 R 2%##'0#+ S '+ '. - #05 ,'!5#0- %#0 6$0- :0# 4 '$$05 $ #0$*#-' %6$0# %- %$$%23 6 5': , $, 0# '% 1 , '!0 +$'!! 2%##8'- .' $, 0 .0## 4 6 $, 0 5'+0%+0 +: 02'%!!8 $, 0# 10!! 2, '!5#0- 1 , ,%70 2 4 0 '- 2 -$%2$ 1'$, 2%+0+ 6 5': , $, 0#'% %#0 !'30!8 $;0 '. - #05 %!$, *. , 2%##8'- .' $, 0 5'+9 0%+0 2, ! 2! +*#0 '+ 6$0- #0+ #$05 $ %-5 $, 0 2, '!5#0- %!! 105 $ #0$*#-' $, 0 +2, ! %6$0# % 601 1003+ 1'$, *$ %-8 0E%4'-%$' - $: # 70 $, %$ $, 08 %#0 6#00 6# 4 $, 0 5'+0%+0 .#0%$ 6%'$, '+ :!%205 '- 5'+'-602$' - %+ % 40%- + 6 : # 02' - , '+ 1'$, *$;%2$0#' ! .'2%! 0E%4'-%$' - '+ 6 - %7%'! 0 5'+'-602$ $, 0 # 4 %-5 $, 0 6*#-'$*#0 ; *$ $, 0 5'+0%+0 .0#4 %#0 '- $, 0 - +0 %-5 $, # %$+ 6 $, 0 2, '!5#0- '+'-602$' - ; 8 40%- + 6 +*!: , *# '+ 50+2#'; 05 ; 8 # 0## %# R % : # 205*#0 -!8 $; 0 2!%++05 1'$, 60$'2, '+$'2 '-2%-$%$' - + %!-5 405'07%! 0E #2'+4+ S 2, ! 2! +*#0 %+ %2 40%- + 6 2, 023'- .' 5': , $, 0#'% '+ !'30!8 $, %70 ; *$!'$$!0 '-6!*0-20 1'$, 2 4 :0$0-$ 405'2%!' '-+:02$' - '$ +004 ;0$$0# #5'-%#'!8 $, %70 $, 0 +2, !+ 2 -$'-*05 ;02%*+0 '- $, '+ 1%8 $, 0 5'+0%+0 2%-' ;0 ;0$$0# 2 -$# !!05 $, %-' 1, 0-' $, 0 2, '!9 5#0-' %#0 -' $, 0 +$#00$+ %-5 %$, 40 #' 0## '-' % #020-$ #0: #$ 1#'$0+ R $, %+ ;00-' +, 1-' $, %$ +2, ! 2! +*#0 *., $ +0!5 4 # -070# $;0 -020++%#8 '-' 0!0 40-$%#8 +2, !+ 1'-.' $ ', 0 :#07%!0-20 5': , $, 0#'% '$, 4 50#-' $02, 9 -'U*0 '$ '+ : ++'; !0 $ 5'+2 70# $, +0 1, %#0 +: #0%5'-.' $, 0 5'+0%+0 %-5 $; $%'-' $, 0'# 0E2!*+' - , 0 ;&02$' -+ $ +2, ! 2! +*#0 %#0 $, %$ $, 0 2%##'0#+ %#0 - $ 5'+2 70#05 %-5 '+ !%$05 %-5 $, %$ $, 0#0 '+ - $ $, 0 !0%+$.*%#9 %-$00 $, %$ %$ $, 0 0-5 6 $, 0 :0#' 5 6 2! +*#0 $, 0 2, '!5#0-' 1 , %#0 $, 0 2%*+0 6 $, 0 +:#0%5 6 $, 0 5'+0%+0 1'!! ;0 '-- 2* *+ , 0 2! +'-.' 6 +2, !+ 6 # 5': , $, 0#'% +, *!5 ;0 ! 305 *: -' %+ % 2 -60++' - 6 '4 : $0-20 %-5 5060%$ S

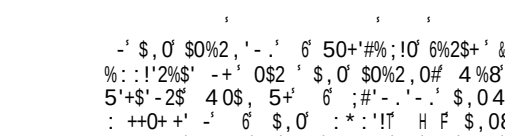
#0U*0-$!8 % -*4 ;0# 6 ;%2'!!" 4 #:, ! .'9 2%!!8 +'4'!%# $, 0 5': , $, 0#'% ;%2'!!*+ %#0 6 *-5 '- $, 0 $, # %$+ 6 2, '!5#0- '; *$ %22 #5'-.' $ #020-$ '-70+$'.%$' -+ $, 0+0 %#0 - -7'#*!0-$ %!$, *., $, 08 4%8 *-50# 20#$%'-' 2 -5'$' -+ 2%*+0 + #0 $, # %$ $ 1%+ - $05 '- $, 0 -5 - '-70+$'.%$' -+ $, %$ $, 0#0 '+ % 20#$%'-' #0!%$' -9 +, ':' ;0$100- $, 0 $1 #.%-'+4+ %-5 1, 0#0 5': , $, 0#'% '+ 4 +$:#07%!0-$ $, 0 :+0*5 ?5': , 9 $, 0#'% ;%2'!!" %#0 6 *-5 '- .#0%$0# %; *-5%-20 , 0 :+0*5 ?5': , $, 0#'% ;%2'!!*+ '+ :# ;%; !8 # 0## 2 -2!*50+ $ $%!!8 5'+$'-2$ 6# 4 $, 0 5': , 9 $, 0#'% ;%2'!!*+ ; *$ %-' #.%-'+4 6 $, 0 +%40 2 -5'$' -+ %-5 +:#0%5'-.' '-' $, 0 +%40 1%8 6# 4 2, '!5 $ 2, '!5 !$, *., $, 0 4 #:, ! .'2%! 2, %#%2$0# 6 $, 0 ;%2'!!*+ '+ - $ '50-$'2%!' 1'$, $, %$ 6 $, 0 !0; +? 66!%# ;%2'!!*+ '$ '+ 5'66'2*!$ $ 5'660#0-$'%$0' ;0$100- $, 04

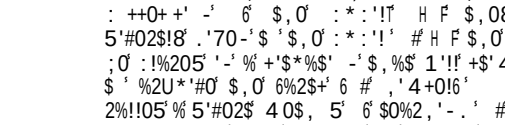
0#8 '4 : #$%-$ %-5 +'.-'6'2%-$ +$*5'0+ 6 5': , $, 0#'% %4 -.' +2, ! 2, '!5#0- ,%70 ;00- 4%50 '- -5 -' *-50# $, 0 5'#02$' - 6 # 0##' $, 0 405'2%! 66'20#' , 0 40$, 5 '+ %+ 6 !! 1+ S ':, $, 0#'% #0$*#-+' %#0 30:$ *-50# 2 -$'-* *+ ;+0#7%$' - '%-5 - '%-8 +*+:'2' - 6 +2, ! '-6!*0-20 +, 1'-.' '$+0!6 48 %++'+$%-$ 7'+'$+ $, 0 +2, ! '%-5 %!! 2, '!5#0-' .'7'-.' %-8 +'.-' 6 '!! ,0%!$, ' +*2, ' %+ %*#%! # -%+%! 5'+9 2, %#.0'0-!%#.05 .!%-5+' *-5*0 :%!! #' # %, '+9 $ #8 6 #020-$ %; +0-20 , %70 % +4%!! : #$' - 6 4*2*+ #04 705 6# 4 $, # %$ # - +0 ;8 % +$0#'!'G05 :!%$'-* 4 1'#0 %-5 :!%205 - $, 0 +*#6%20 6 % $*;0 1'$, +$0#'!0 ;! 5 +0#*4 , '+ '+ $, 0-' 2*!$'7%$05 '- %-' -2*;%$ # %$ P)d 6 # 6'6$00-' $ 0'., $00- , *#+ , 0 2*!$*#0+ %#0 $, 0-' 0E%4'-05 4'2# +2 :'2%!!8 %-5 %-8 +, 1'-.' +*+:'2' *+ 6 #4+ %#0 $, 0- +$%'-05 1'$, 0'++0#+ +$%'- E20:$ '- 70#8 #%#0 2%+0+ $, '+ 500405 +*66'2'0-$' -!8 2%+0+ +, 1'-.' !0; +? 66!0# ;%2'!!" %#0 2 *-$05 %+i5':, $, 0#'%< $, 0 :+0*5 ?; %2'!!" 10 -0.!02$ S & " / 0(6 -5 - %#2, >PKQ' : NQ F , 0 2%##'0#+ %#0 $, 0- U*%#%-$'-05 # $, 0 80%# >PKP '$ '+ #0: #$05 $, %$ R '- 070#8 '-+$%-20 '- 1, '2, 2%##'0#+ 10#0 50$02$05 %-5 0E2!*505 6# 4 $, 0 +2, ! $, 0#0 1%+ %:# 4 :$ 20++%$' - 6 2%+0+ 6 5': , $, 0#'% S , 0 +'.-'6'2%-$ 6%2$+' - #0.%#5 $ 5': , $, 0#'% %#0 ;#'06!8 %+ 6 !! 1+ , 0 5'+0%+0 '+ *+*%!!8 +:#0%5 ;8 5'#02$:0#+ -%! 2 -$%2$, 0 :0#9 + -+ 1, %#0 %2*$0!8 '!! 1'$,' 5': , $, 0#'% %#0 - $ $, 0 +0#' *+ + *#20+ 6 2 -$%.' -< 6 # $, 08 %#0 '+ !%$05 , 0 4 +$ +0#' *+ + *#20+ 6 2 -9 $%.' - %#0 $, 0 6 !! 1'-.' '#+$' $, 0 :0#602$!8 , 0%!$, 8 2, '!5 1, , %+ 2 40 '- 2 -$%2$ 1'$, ' $, 0 5'+0%+0 %-5 2%##'0+ $, 0 .0#4+ 02 -5 2, '!5#0-' 1, %#0 +*660#'-.' 6# 4 4 '!5 6 #4+ 4 '!5 #0 $, 0 5'+0%+0 - $:0#, %:+ *+:02$05 ;8 :%#0-$+ %-5 $0%2, 0#+ , '#5 2, '!5#0-' 1, , %70 , %5 $, 0 5'+0%+0 ; *$, %70 #0$*#-05 $ +2, ! 1, '0 +$'!! 2%##8'-.' $, 0 !0; +? 66!0# ;%2'!!*+ %'!8 405'2%!' '-+:029 $' - %-5 +2, ! -*#+0+ $ 6 !! 1' *:\2%+0+ '- $, 0 , 40 %#0 '4:0#%$'70!8 -020++%#8 -5 '$ '+ '4 : #$%-$ $, %$ $0%2, 0#+ +, *!5 2 :0#%$0' -$0!!'.0-$!8 1'$, 405'2%!' 66'20#+ '- 50$02$'-.' 2%+0+ 6 5': , $, 0#'% -8 2, '!5#0-' $, %$, %70 + #0 $, # %$ 070-' 6 +!'. , $ 2, %#%2$0# ' #'##'$%$'-.' -%+%! 5'+2, %#.0 +, *!5 ;0 #0: #$05 $ ' $, 0 +2, ! :, 8+'2'%- , 0 -!8 +%60 40$, 5 6 :# 205*#0 +00 4 + $; 0 $, 0 6 !! 1'-. + -' %+ % 2%+0 ;#0%3+ *$ '-' %+2, ! ;%2$0#' ! .'2%! $0+$+ 6 %!! $, 0 2, '!5#0-' +, *!5 ;0 4%50 '- #50# $ 50$02$ %-8 ++'; !0 R 2%##'0#+ S -' 2%+0 5': , 9 $, 0#'% , %+ 22*##05 '-' % , *+0, !5 %!! 2, '!5#0-' -' $, 0 6%4'!8 +, *!5 ;0 0E%4'-05 ;%2$0#' ? ! .'2%!!8 ;06 #0 ;0'-.' :0#4 '$$05 $ #00-$0# $, 0 +2, ! , '!5#0-' 1, , %70 , %5 $, 0 5'+0%+0 +, *!5'- $;0 :0#4 '$$05 $ '#0$*#-' $ '+2, ! *-$' %' -*4 ;0# 6 -0.%$'70 2*!$*#0+ , %+ +, 1-' $, %$ $, 0 5'+0%+0 '+ - ! -.0# 2%##'05 , 0 :# ;!04 6 50%!'-.' 1'$, 5': , $, 0#'% '- $, 0 +2, ! '+ % 70#8 5'66'2*!$ -0 ;02%*+0 $, 0 -!8 +*#0 1%8 +004 + $; 0 $, 0 0E2!*+' - 6 %!! 2, '!5#0-' 1, %#0 R 2%##'0#+ S *$ $, '+ !'30!8 $; 0 +$# -.!8 ;&02$05 $; 8 :%#0-$+' 1, +00 - #0%+ - 1, 8 2, '!5#0-' 1, %#0 10!! +, *!5 ;0 0E2!*505 6# 4 $, 0 +2, ! , 0 ! ++ 6 $'40 6# 4 +2, ! 1 #3 , 1070#' %-5 $, 0 +0#' *+ 2, %#%2$0# 6 $, 0 5'+0%+0 %-5 $, 0 +%$'+6%2$ #8 #0+*!$+ !'30!8 $ 2 40 6# 4 $, # *., ?. '-.' '-70+$'.%$' -'%-5'#'. # *+ 0E2!*+' - 6 %!! 2%+0+

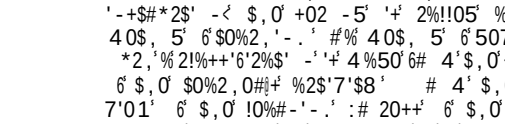


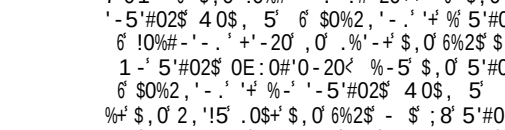


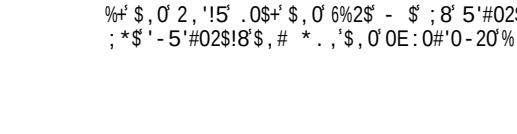












00' & # *4 - # * 4 % #' %# ' !%*

' ' / ' +' $,0' 2!%+#' +8+$04' 6' #.%-'G%$' -' '-' $,0' 0!040-$%#8' +2, !' ;02 40+' :0#602$' %-5' 2 4 :*!+ #8' %$$0-5%-20' 6 #20+' %!!' 2,'!5#0-' '-$ ' $,0' +2, !+' -*40# *+' 4%!%5&*+$05' -'5'7'5*%!+' %: :0%#' 40' 6' $,0+0' %#0' '-$0!!02$*%!' 4'+6'$+< + 40' ,%70' $,# *.,' +'23-0++' #'%;+0-20' ! +$' $ *2,' 1'$,' $,0' +2, !< %-5' $,0#+' :#0+0-$' 5'66'2*!$'0+' 6# 4' $,0' +$%-59 : '-$ 6' 5'+2':!'-0' '7%#'0$8' 6'+:02'%!' # *-9 .#%505' +2, !+' ,%70' ;00-' #.%-'G05' '-$ ' 1,'2,' $,0' %; 70' '-5'7'5*%!+' 4%8' ;0' 6'$$05' -!8' 22%+' -%!!8' ,%70'+:02'%!' +2, !+' ;00-'+0$'%:%#$ 6 #',!5#0-' 6' %'5'+ #50#!8' # +04'?'-2 ##'.';!0' 5'+: +'$' - ' ,0+0' 4%8' ;0' 50%!$' 1'$,' '-' 5'+9 2':!'-%#8' 2!%++0+' 1 , +0' 05*2%$' -%!' 7%!*0' 2 -9 +'+$+' '-' $,0'# +0.#0.%$'-.' 6 # +:02'%!' $#0%$40-$' %-5' *-50# $0%2,0#+' +:02'%!!8' U*%!'6'05' $ ' 50%!' 1'$,'$,04' :*:'!+' 1 , '%#0'- $' #5'-%#'!8'#0%2,05' ;8' $,0' $#0%$40-$' 6' $,0' #0.*!%#!8' #.%-'G05' 2!%++0+' -' $,0' $,0#' ,%-5' $,08' %#0'+*:: +05' $ ' 2 -$#';*$0' 4*2,' $ ' $,0' 066'2'0-28' 6' $,0' #0.9 *!%# 2!%++' $,# *.,' ,%7'-.' 1'$,5#%1-'6# 4' $,'+' %'+4%!' :0#20-$%.0' 6' :*:'!+' 1 , ''4: +0'%-' 0E9 $#% #5'-%#8' $%+3' *: -' $,0' $0%2,0#' ,0#0' 2%-' ;0'-' 5 *;$' $,%$'+:02'%!' $0%2,0#+' 2%-' ;0' 6 *-5' 1,' 2%-' 066O2$'70!8' ,%-5!0' $,04' %-5' $,%$' $,0' 05*2%$' -%!' $#0%$40-$' 4%8' ;0'70#8' 4*2,' ;0$9 $0#' %5%:$05' $ ' $,0'# -005+' *'$,0' 4 #%!' 066O2$' 6 +0.#0.%$'-.' % 2 -+'50#%;!0' -*4;0# 6' 2,'!9 5#0-'6# 4' $,0' *:!'6$'-.''-6!*0-20' 6' $,0'# 60!! 1+' '+' U*0+$' -05' '+2':!'-%#8' 2!%++0+' + 40$'40+' 6%!' '-$ ' 5'+6%7 #'-' $,0' 2 44*-'$8' %-5' '$' 4%8' ;0' 5'+2 70#05' $,%$' $,0' ,%#46*!'+ 2'%!' 066O2$+' #09 +*!$'-.' 6# 4' +0.#%$' -' 4%8' *$10'.,' $,0' 05*9 2%$' -%!' 7%!*0+' 6 *-5' '-' $,0# 2 --02$' -+' ,0+0' 2!%++0+' ,%70' ;00-' #.%-'G05' %$' !0%+$ 0E:0#'40-$%!!8' '-' -0%#!8' %!!' !%#.0' 40#'2%-' 2'$'0+

00') % # ' %# ' #4 ,' ' %#% # 43# * 4 % % #4, 6 ' % ' %** *4 + %# ',' *

' ' / 00' ** #

' / ' ,0' $#%'-'-.' $,%$' #0+*!$+' '-' : 10#' +3'!!' # 066'2'0-28' '-' %-8' 5'#02$' -' $'+' + 40$'40+' *+05' '-' % +0-+0' ;# %5'0- *.,'$ ' 2 70#$,0'1, !0'05*2%$'70' :# 20++' + '6%#' %+' $,%$' $%30+' $,0' 6 #4' 6' +8+$04%$'2' $#%'-'-.' ,0-' 40-$%!' 6%2*!$'0+' 10#0' #02 .-'G05' %+' '--%$0' 5'+2':!'-0' 6$0-' 40%-$' $,0' +0#'0+' 6' :#%2$'20+' $,# *.,' 1,'2,' $,0+0' +*:: +05' '--%$0' : 10#+' 10#0' +,%#:0-05' %-5' :0#602$05' H 00' & % ' *' # 5' '-20' $#%'-'-.' 6' -%$*#%!' '49 :*!+0+' %-5' #0%2$'70' $0-50-2'0+' '-7 !70+' + 40' $#%-+6 #4%$' -' 6' -%$'70' :10#+' $,# *.,' %$$%2,40-$' $' 0-5+' 1,'2,' $,08' %#0' - $' +: -9 $%-0 *+!8' :*#+*05' $,0' $0#4' R 5'+2':!'-0S' 6$0-' 2%##'0+' 1'$,' '$' % 2 -- $%$' -' 6' +*;5*'-.' # #0+$#%'-'-.' -%$*#%!' '-2!'-%$' -' %-5',0-20' 6' % 4 #0' # !0+' :%'-6*!' 2 -+$#%'-$' +*::!'05' 6# 4' 1'$, *$' -' $,'+' +0-+0' $,0' 5 2$#'-0' 6' 5'+2'9 :!'-0' '+' :: +05' $ ' $,0' 5 2$#'-0' 6' '-$0#0+$' 4<% %#' %-5' 6#005 4' -' %' 4 #0' %50U*%$0' 7'01' $,'+' :,%+0' 6' '-,';'$' -' '+' +00-' $ ' ;0' $,0' -0.%$'70' %-5' $04: #%#8' %+:02$' 6' %' 2 -+$#*2$'70' %-5' : +'$'70' :# 20++' / ' $,0' .%'-' 6' : 10# %-5' 066'9 2'0-28' H:#%2$'2%!' 6#005 4' $,%$' 0-+*0+' 6# 4' $#%'-'-.' ,0#0' '+' , 1070#' %' #0.#0$$%;!0' $0-50-28' '-' 05*2%$' -' $ ' 4%30' 5'+2':!'-0' '-' $#+' -0.%$'70' +0-+0' %-' 0-5' '-' $+0!6' '-+$0%5' 6'#02 .9 -'G'-.' $,%$' $,0#0' '+' .0-*'-0' 5'+2':!'-0' -!8' %+' $,0#0' '+' .%'-' '-' +0!6?2 -$# !' %-5' +0!6?2 49 4%-5' -' '$+' -%## 10+$' :05%. .'2%!' +0-+0' 5'+2':!'-0' 40%-+' $,0' +8+$04' 6' #01%#5+' %-5' :*-'+,40-$+' ;8' 1,'2,' :*:'!+' %#0' #0-50#05' %40-%;!0' $ ' $,0' $0%2,0#+' %*$, #'$8' (

00' ! ') # % ' %# ' , ' % 4 & % ' *' # 4 ,' ' %#% #

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' / ' ' 5'++ -%-$' 2 4 ;'-%$' -' 6' $ -0+< $,0' %;+0-20' 6' ,%#4 -8' '+2 #5' :# 5*20+' % 2#%7'-.' 6 # #0+ !*$' -' '-$ ' + 409 $,'-.' 4 #0' #0+$6*!' +%$'+68'-.' %-5' 6'-%!' ,0' #0+ !*$' -' 2 -+'+$+' '-' 4 7040-$' $ 1%#5' 2 49 ;'-%$' -+' 6' 2 -+ -%-$' $ -0+' ' '

00' 4 #* #%#'

' ' ' / ' ' $0#4' 22%+' -%!!8' *+05' 6 #'-5*2$'70' 40$, 5+' 6' $0%2,'-.' 1,0#0' $,0' 2,'!5' 4%-':*!%$0+' ,'+' 1-' ;&02$+' # 2 -5*2$+' ,'+' 1-' 0E:0#'40-$+' 40$'40+' *+05' %+' % $0#4' 6 #' $,0' !%; #%$ #8' 40$, 5' 6' $0%2,'-.' $,# *.,' '-5'7'5*%!' 0E:0#'9 40-$%$' -

00' ; # ' + %' # ' ! 43# ' o ' 4 %! % '

' / ' -' .0-0#%!' $,'+' $0#4' #060#+' $ ' $,0' %;'!'$8' $ ' ,!5' %:%#$' '-' 2 -9 +2' *+-0++' $1 ' # 4 #0' 0!040-$+' 6' 0E:0#'0-20' 0#$%'-' $8:0+' 6' +*2,' %;'!'$8' 50:0-5' *: -' $,0' +$#*2$*#0' %-5' 5070! :40-$' 6' #.%-+' 6' +0-+0' H+00' ' *' #% #4 A * % ' *6 ' #% #5' -' $,0# 2%+0+' 5'+2#'4'-%$' -' 50:0-5+' *: -',.,'6 #''+' 6' -0#7 *+'%-5' 40-$%!' %;'!'$8

' ' ' / ' 00 *' #' ' - # ' /4 !

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' / ' -' $,0' 6'#+$:!%20' % 2!0%# 5'+$'-2$' -' ;0$100-' % 50 5 #%-$ %-5' % 5' +'-602$%-$ '+ -020++%#8' 0 5 #'G%$' -' '+ $,0' 40#0' -0*$#%!9 'G%$' -' 6' 660-+'70' 5 #+' '+'-602$' -' '+' -' $,0' $,0# ,%-5' $,0' :# 20++' ;8' 1,'2,' :%$, .0-'2' .0#4+' %-5' '-602$' *+' 4%$0#'%!' %#0' 50+$# 805' # %#0' #0-50#05' '-0#$
%$*#%!' '+'-602$' -' / ' %$*#0' ,%+' .#%9 $*'$ *+!8' :# 7'505' % 5'+'-602$%-$' 6' $,0' 6'#+$ #9 50#' / '5'#02$'+*-!'. ,$'+' $,0' 4 +$'02 - 4'2%!'%-5' :#%2$'2%!' 6' %!' .0#4'2'50+' 2, !# 4+' 1,'2,' %#0' 30:$' $, # *. ,!8' 2!0%-' %-5' #020'70' % $, #9 *. ,' +*--'-.' 0%2,' 5%8' %#0' - $' !'30!8' $ ' -005' 4*2,' 6*#$,0#' %$$0-$' -' '-' $,0' 1%8' 6' 5'+'-6029 $' -' !0%-!'-0++'%-5' +*-+,'-0' %#0' 1 #$,' 4 #0' $,%-' %!' %#$'6'2'%!' .0#4'2'50+' $,%$' 2%-' ;0' %:: !'05' $ ' +2, !# 4+' +%70' '-' +:02'%!' 040#.0-2'0+ #$'6'2'%!' '+'-602$' -' / ' .0 0 ' # % / ' ,'+' : 10#6*!' 5'+'-602$%-$' ,%+' % !'49 '$05' *+0' -' %22 *-$' 6' '$+' !%23' 6' :0-0$#%9 $' -' ,0-' 4 '+$*#0' '+' :#0+0-$' '$' '+' 70#8' %2$'70' '-' +*#6%20' 5'+'-602$' -' 1,'2,' '+' 6$0-' -00505' '-' $, +0' +2, !# 4+' #020'7'-.' !'$$!0' #' -' +*-+,'-0' $' '+' 0%+'!8' %:: !'05' %-5' $,0' :# 20++' ;8' 1,'2,' '$' '+' .0-0#%$05' '+' %' +'4 :!0' -0' ,0' # 4' +, *!5' ;0' $'. ,$!8' 2! +05' ' 40$%!!'2' :%-' #' ;*230$' 1,'2,' 2%-' ;0' ,0%$05' '+' :%#$!8' 6'!!05' 1'$,' 1%$0#' %-5' :!%205' '-' $,0' 20-$0#' 6' $,0' # 4' %!6' '4 40#+0' % 70++0!' '-' $,'+' 1%$0#' ;8' :!%2'-.' '$' -' + 40' -2 4 ;*+$';!0' +*;+$%-20' +*2,' %+' %' ;#'23' ,'+' !%+$' 70++0!' '+' 6 #' $,0' +*!:, *#' 0%$' $,0' 1%$0#' *-$'!' '$' ; '!+' %-5' $,0-' +0$' 6'#0' $ ' $,0' +*!:, *#' ,0' -020++%#8' +*!:, *#' 5' E'50' 1'!!' #0+*!$' *!:, *#' 5' E'50' +, *!5' - $' ;0' !';0#%$05' '-' % # 4' 1,0#0' $,0#0' '+' $'-$05' #' .'!$' :%:0#' %-5' %!' 2 ! #05' 4%:+' 2,%#$+' 0$2 ' +, *!5' ;0' #0 4 705' ;02%*+0' '$' 1'!!' 5'+2 ! #$,04
' 5 ! % / ' 0#,%:+' $,0' 4 +$' : 10#6*!' 6' %!' $,0' .%+0 *+' 5'+'-602$%-$+' - 1' 3- 1-' '+' 6 #4%!50,850' ,'+' 4%$0#'%!' %-5' $,0' 40$, 5+' 6' %:: !8'-.' '$ %#0' '-0E:0-+'70' ,0' 40$, 5+' 6' *+'-.' $,'+' 5'+'-602$%-$' #02 49 40-505' ;8' :,8+'2'%-+' %-5' ; %#5+' 6' ,0%!$,' 1,'2,' %#0' :#%2$'2%;!0' '-' +2, !# 4' 5'+'-6029 $' -' %#0' %+' 6 !! 1+' H%F' ,0' :0#4%-.%-%$0' 40$, 5' % % 6 #4'-.' 6 #4%!50,850' .%+' ;8' 4'E'-.' JKK' 22' 6' % MK' :0# 20-$' + !*$' -' 6' 6 #4%!50,850' 1'$,' >QK' .#%4+' 6' : $%++'* 4' :0#4%-.%-%$0' 6 #' 0%2,' □□□' 2*;'2' 600$' 6' %'# +:%20' $ ' ;0' 5'+'-602$05' ,0' %$4 +:,0#0' 6' $,0' # 4'+, *!5' ;0' 1%#4'%-5' $,0' # 4' $'.,$!8' 2! +05' ,'+' 40$, 5' 2%-' 0%+'!8' ;0' %:: !'05' '-' 2'$'0+' 1,0#0' $,0' -020++%#8' 2,04'2%!+' 2%-' #0%5'!8' ;0' ;$%'-05' -' #5'-%#8' :%-' 2%-' ;0' *+05' '-' 1,'2,' $ ' :!%20' $,0' 4%$0#'%!+' %-5' $,0' #0%29 $' -' 1,'2,'6 !! 1+' 1'!!' 6#00' $,0' .%+' 42#' ,0' $01%#$ 40$, 5' 1,'2,' 2 -+'+$+' '-' $, # *. ,!8' +:#%8'-.' $,0' 1%!!+' 6! #+' 6'#-'$*#0' 0$2 ' 1'$,' % NK' :0# 20-$' + !*$' -' 6' 6 #4%!50,850' ,'+' '+' % 70#8' 066002$'70' 40$, 5' ;*$'+' 4 #0' $# *;!09 + 40' $ ' %:: !8' -' $,0' 6'#+$ 6' $,0+0' 40$, 5+' :0-0$#%$' -' '+' - $' 2!%' 405' %-5' '-' $,0' !%$$0#' '$ '+' - $' +*66'2'0-$!8' :# 705' + ' $,%$ 10' 4%8' #0!8 *:-' '$ 1, !!8' 1070#' '6' :0-0$#%$' -' '+' 50+'#05' '$' 2%-' ;0' ;$%'-05' ;8' *+'-.' 6 #4%!509 ,850' 4'E05' 1'$,' $,0' 7%: # 6' 2%#; !'2' %2'5' -' $,'+' 1%8' $,0' $0-50-28' $ ' : !840#'G%$' -' '+' 0-$'#0!8' 50+$# 805' #' ' 2 %*.,!'-' 4.(/ (' (6' ' >LKO' 0:$' >N' >PK)F' +%8+' R' ,0' 4'E$*#0' 1,'2,' #0+*!$+' '-' $,0' ;0+$' O6602$+' '+' LQ' :0# 20-$' 6' % MK' :0# 20-$' + !*9 $' -' 6' 6 #4%!50,850' %-5' NQ' :0# 20-$' 6' 2%#9 ; !'2' %2'5' / ' ' *-20+' 6' $,0' 4'E$*#0' $ ' □□□' 2*;'2' 600$' 6' %'# +:%20 S' #$,0' 6! #+' 5 #9 3- ;+' ,%-5#%'!+' 0$2 ' % MK' :0# 20-$' + !*$' -' 6' 6 #4%!50,850' 2%-' ;0' *+05' -' $,0' 2%+0' 6' 6! #+' 2!0%-' +%15*+$' +%$*#%$05' 1'$,' $,'+' + !*9 $' -' +, *!5' ;0' +:#0%5' 70#' $,04' ,'+' +, *!5' ;0' +10:$' *$' ;06 #0' $,0' +%15*+$' ;02 40+' 5#8' ,'+' 5 -0' -20' 070#8' 0',$' 1003+' 1'!!' '-' .0-0#%!' 300:'$,0' 6! #+'-' +%60' 2 -5'$' -' ,'+' 40$, 5'+' 0E$0-+'70!8' *+05'-' +$ -'%$':#0+0-$ J' 8 (' /' (0 !% / ' #0%$' 2%#0' +, *!5' ;0' 0E0#2'+05' '-' 300:'-.' $,'+' :'+ - *+' 5#*.' '-' $,0' +2, !' ;*'!5'-.' $' '+' 6$0-' 4'+9 $%30-' -' %22 *-$' 6' '$+' 2 ! #!0++-0++' 6 #' + 40$,'-.', %#4!0++' $' +, *!5' ;0' 2 ! #05' 6 #' '50-$'6'2%$' -' $' 2%-' ;0' ;*.,$'-' $%;!0$+' %!#0%58' 2 ! #05' 0%2,' $%;!0$' 2 -$%'-'-.' % .'70-' %4 *-$' %-5' 6# 4' $,0+0' '$' '+' 0%+8' $' $' 4%30' $,0' :# :0#' + !*$' -' $' 2%-' ;0' *+05' '-' $,0' +2, !9 # 4' 6 #5'+'-602$'-.' $,0' 6*#-'$*#0' 6! #+' %-5' :%#$+' 6' $,0' 2! $,'-.' # $,0+0' :*#: +0+' % >T>KKK' + !*$' -' '+' +*66'2'0-$' $' 4*+$ - $' ;0' ;# *.,$' '-' 2 -$%2$' 1'$,' 40$%!+' 6 #' '$ 50+$# 8+' $,04' -' 0E20+' 6' %!;*4'- *+' +*;+$%-20+' '-9 $0#60#0+' 1'$,' '$+' %2$' -' %-5' 6 #' $,'+' #0%+ -' '$' '+ - $' O6602$'70' '-' 5'+'-602$'-.' 0E2#0$%
!%$#'-0+' $,0' 6 !! 1'-.' 1'!!' ;0' 6 *-5' O66029 $'70' H F 2,! #'50' 6' !'40' / '6 *#' *-20+' $ ' $,0' .%!! -' HNF' 2%#; !'2' %2'5' / 'Q' :0# 20-$' + !*9 $' -' HJF' 2%*+$'2' !'40' / ' -0' :%#$' ,85#%$0' 6' !'40' $ ' 0'.,$' :%#$+' 1%$0#' HMF' 40#2*#'2' ;'2,! #'50 / >T>KKK' ,0' 6 #0. '-.' 5'+'-6029 $%-$+' %#0' $, +0' 1,'2,' %#0' 4 +$' .0-0#%!!8' *+05' %-5' $, +0' 1,'2,' %#0' *+*%!!8' #02 4 40-505' ;8' $,0' ,'.,0+$ %*$, #'$'0+' ,08' 1'!!' *+*%!!8' ;0' 6 *-5' O6602$'70' 1070#' '-' 2%+0' $,%$' $,0+0' 2%-- $;0' ;$%'-05' $,0' 6 !! 1'-.' 4%8' ;0' *+05' H>F' # 6! #+' 2#0$ + !' / '% $0%2*:6*!' $ ' % .%!! -' 6' 1%#4' 1%$0#' ,'+' +, *!5' ;0' %:: !'05' ;06 #0'+100:'-.' HNF' # 1 50-',%-59 #%'!+' %-5' 50+3+' / '% + !*$' -' 6' 2,! #'50' 6' !'40' / 'H$0%2*:6*!' $ ' % .%!! -' 6' 1%$0#F' %9 $#'-0+' +, *!5' ;0' 6!*+,05' 6#0U*0-$!8' %-5' 5'+'-9 602$05' 1'$,' % + !*$' -' 6' 2#0$ + !' 6' $,0' %; 70' +$#0-.$,' -' 2%+0' %-8' %#$'2!0' ;0! -.'-.' $ ' % 2,'!5' %66!'2$05' 1'$,' %-' '-602$' *+' 5'+0%+0' 2%-- $' ;0' 5'+'-602$05' '$' +, *!5' ;0' ;*#-05' 1'$, *$' 50!%8' ' ' 00' %# # **' ' ,'

' ' ' 9
' / ' ,0' -005' 6' :0#+ -%!' 5'+'-602$' -' '-' $,0'+2, !# 4'+' 4*2,' ;7'%$05' ;8' $,0' 6#00' *+0' 6' :*#0' 1%$0#' 2!0%-' $ 10!+' %-5' + %:' %#0-$+' +, *!5' ;0' *#.05' $ ' +0-5' $,0'# 2,'!5#0-' $ ' +2, !' '-' % 2!0%-' 2 -5'$' -' %+' $,'+' .#0%$!8' +' 4:!'6'0+

$,0 :# ;!04+ 6 +2, !' ,8.'0-0 -' 2%+0 $,08 -0.!02$ $ 5 $,'+ 10 4*+$ #0+ #$ $ $,0# 40$, 5+ '- #50# $ '-+*#0 $,0 ,0%!$,' 6 $,0 2,'!5#0-

"$%,+(/%/+3"1&/,+ @4 * 1 % / '2,! #'50 6 40#2*#8 '- % >T>KKK + !*$' - 4%8 ;0 *+05 ,'+ 2%- ;0 :*#2,%+05 '- $%;!0$ 6 #4 1,'2,' + :#0:%#05 $,%$' '$ '+ 0%+8 $ 4%30 2 ##02$:# : #$' - N :0# 20-$ + !*9 $' - 6 2%#; !'2 %2'5 '+ %!+ 066O2$'70 ,0 :#0+0-20 6 %!;*4'- *+ # #.%-'2 +*;+$%-20+ 5 0+ - $ '-$0#60#0 1'$,' '$+ %2$' - '- '5'5 6 40#2*#8 '- % □□□ + !*$' - '+ . 5 %-5 5 0+ - $'-&*#0 $,0 +3'- H F . ! % / ,0 5'+0%+0 : :*!%#!8 3- 1- %+ #0 080+ '+ 6 ;%2$0#'%!' #'.'- %-5 '+ 2 -$#%2$05 $,# *.,'$,0 %.0-28 6 6!'0+ ;8 ,%-5!'-. 5 #3- ;+ %-5 ; 3+ %-5 ;8 *+'-.'$ 10!+ 1,'2,' %#0 6 # $,0 :*;!'2 ,!5#0-+ %66O2$05 +, *!5 - $;0 %!! 105 $ %$$0-5 +2, !' ;02%*+0 '$ '+ %' ,'.,!8 2 -$%.' *+ 5'+0%+0 MK :0# 20-$ + !*$' - 6 6 #4%!50,850 '+. 5'6 #5'+'-602$'-.'5 #3- ;+' ; 3+ %-5 $ 10!+ 1,'2,' ,%70 ;00-' '-602$05 1'$,'$,0+0 .0#4+ H2F 80((. (% @ + 2%+0+ 6 '-2':'0-$ '-602$' *+ 5'+0%+0+ +*2,' %+ 5':,$,0#'% 1, :'-.?2 *., 0$2 ' $,0 ;*22%! +02#0$' -+ 6$0-2%##8 .0#4+ ,0 4 *$,+ 6 $, +0 + %66O2$05 +, *!5 ;0 1%+,05 1'$,' % +*'$9 %;!0 5'+'-602$%-$' 1,'2,' 2%-' ;0 ;$%'-05 %$ %-8 5#*.'+$ #0 ,0+0 +02#0$' -+ 1,0-0E:02$ 9 #%$05 # 0&02$05 ;8 %-8 $,0# 40%-+ 6# 4 $,0 4 *$,' +, *!5 ;0 +*;&02$05 $ (>TQKK + !*$' - 6 6 #4%!05,850

00 # ' ' , ' #

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' / ' -8 6%2$ #' :,8+' ! .'2%! #:+82,'2%!' 1,'2,'+ 2%:%;!0 6 '-6!*0-2'-.'-01 0E:0#'0-20+ ' 5'+: +'$' - 4%8 ;0 $,0 #0+*!$ 6 '--%$0 $0-50-2'0+ # 6 :#07' *+ 0E:0#'0-20 6 $,0 '-5'7'5*%!' -0 6 $,0 2 -5'$' -+ 6 40-$%! 5070! :40-$ '+ $,%$ 070#8 0E:0#'0-20 ,%+ '$+'-6!*0-20 *: -'50$0#4'-'-.'$,0 -%$*#0 6 +*;+0U*0-$ 0E:0#'0-20 70#8 ;#%'- :# 20++ '+ 50:0-50-$ - $ -!8 *: -' $,0 :#0+0-$ 0E2'$%9 $' - ';*$ *: -' 6 #40# 0E2'$%$' -+ 1,'2,' ,%70 !06$ % $#%20 *: -' $,0 -0#7 *+ +$#*2$*#0 ,0+0 $#%20+ %#0 :,8+' !.'2%!' 5'+: +'$' -+ +82,'2%! 5'+: +'$' -+ 4%8 ;0 :0#%$'70 1'$, *$ %-8 0E:!'2'$ %1%#0-0++ 6 $,0'# :#0+0-20 1,'2,' + #070%!05 -!8 ;8+2'0-$'6'2 %-%!8+'+

00 % %' 4 # #*% #' /' ; 6 #'

O6O#0-20+ /

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' / ' #%-'%22 *-$ 6 5'+:*9 $%$' -' '-' $,0 +02 -5%#8 # ! 10# +2, !+ +00 !% # ' #' ' , ' *4 6 # %-'%22 *-$ 6 5'+:*$%$' -' #$,0 40$, 5 6 *-'70#+'$8 1 #3 +00 # o * *4 6 # %-'%22 *-$ 6 $,0 40$, 5 %-5 !.'2%!' %+:02$ 6 5'+:*$%$' -' +00 , ' %*6 ' *

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#07'01'-.'$,0 2 *#+0 6 05*2%$' -%!' ,'+$ #8 '-' -.!%-5 $,0#0 '+ 4%#305 '-' %!' %.0+' % 20#$%'-' 05*2%$' -%!' 2!0%7%.0 #'.'-%$'-.' '-' #0!'.' *+ 5'660#0-20+ %-5 :# 5*2'-.' %-' 05*2%$' -%!' 5*%!'+4 1,'2,' -' $,0 1, !0''+2,%#%2$0#'+$'2 6 $,0 #%20 %-5 ,%+ ;00-' ;0-06'2'%!' '-' '$+ O66O2$' +'-20 '$ +*::!'05 %-5 +$'!!' +*::!'0+ $1 ' + *#20+ 6 0-0#.8 1,'2,' ,%70 %!1%8+ #0%2$05 -' %-5 +$'4*!%$05 0%2,' $,0#' ,0 ,'+$ #8 6 5'++0-$ '-' 05*2%$' -' '+ ;+2*#0 *-$'!' %; *$ $,0 6 *#9 $00-$,' 20-$*#8 %!$, *.,'-5'2%$' -+: '-$ $ '$+ 0E'+$0-20 '-' $,0 4%-? #'$'+,' :0#' 5 '- $,0 :0#' 5 6 $,0 +*#7'7%!' 6 #'$'+,' ,#'+9 $'%-'$8 %-5 :%#$'2*!%#!8 '- %!0+ 6# 4 70#8 0%#!8 $'40+ H 00 - % # ' ' '%-5 , ! ! * ' 0 (' (((' ' (0 ' ' 3 ' 8 ' , 6 ! ' ' : : ' >Q) ' N)P ' NP) ' JO> ' MOM F

,0 6'#+$'+. -+ 6 5'++0-$ %#0 $,0 %::0%#%-20 6 +2, !4%+$0#+ 0+$%;!'+,'-.' +2, !+ 1'$, *$ $,0 0:'+2 :%!'!'20-+0 $ '$0%2, ,%$ $,0#0 1%+ + 40 #0!'.' *+ 40%-'-.' '-' $,0 #06*+%!' $ '.#%-$ %-5 $,0 #06*+%!' $ '#020'70 %-' 0:'+2 :%!'!'20-+0 - 0 2%-' 5 *;$' +' 0%#!8 %+ >>LK ' :0 !0E9 %-50# ',%5 :# 7'505 1'$,' #0+:02$ $ ' ; $,' $,0 %!'!0%-' %-5 $,0 -.!'+,' ,*#2,' $,%$ - 4 -08 +, *!5 ;0 504%-505 6 # % !'20-+0 $ $0%2,' 070-' 6 $,0#0 10#0 % 2*+$ 4 $ ' $,%$ O66O2$,'+ .#0%$ 05*2%$' -%!' :0 1# $0 70#8 +$0#-!8 $ ' 0-#8 50 ! '+' +, :' 6 '-9 2,0+$0#' *: -' $,'+ +*;&02$ %-5 '-' % .0-0#%!' 2 *-2'!,0!5 %$ 0+$4'-+$0# '-' $,0 80%# >NKK ' % 2%- -' $ ' $,0 +%40 O66O2$ 1%+:%++05 0$ % 20-$*#8 !%$0# H>JKMF %$ 070#!08 %-5 0!3 '- #3+,'#0 H+00 # ' ' 0%2, +' / 8 !' 6 : : ' !'?!E7 ' MN ' M) ' Q) ' >KN ' >>M ' >OP ' NPJF % 50+:0#%$0 %$$04:$ 1%+ 4%50 $ ' $0%2, ' +2, !' R ' $ ' $,0 :#0&*5'20 6 $,0 !';0#$8 6 *#2,*#2,'S' '-' $,0 00, 6 $,0 022!0+'%+$'2%! 2 *#$+ %-5 $ .0$ $,0 2 4 4 -' !%1 2 *#$+ $ ' +*:: #$ $,0 *-!'20-+05 $0%2,0#+ 6 $,'+ ,%:9 :0-05 %$ 070#!08 '$ 4*+$,%70 ,%::0-05 0!+09 1,0#0 %-5 '$ '+ 3- 1- ' '-' 6%2$ ' $,%$ %.%'-' %$ 20-$*#8 !%$0# %$! *20+$0# H%+ #02 #505 '-' $,0 6%4 *+ 3 0(3 .(6 >MKK K 8 9 >> 0- ' :' ML $0E$ #0:#'-$05 '-' . ' ' # 0(6 ::0-5'E F $,0 2 4 4 -' !%1 2 *#$+ #06*+05 $ ' %++'+$ $,0 ,*#2,' '-' +*::#0++'-.' *-!'20-+05 4%+$0#+' 0%-$'40 $,0 !!%#5 4 7040-$,%5 $%30-' ,!5 6 $,0 !%-5 %-5 5'++0-$'-.' $0%2,0#+ 1, ' 1 *!5 - $ %220:$ %-' 0:'+2 :%!'!'20-+0 ,%5 4*!$':!'05 -' >JPJ ' *-!'20-+05 +2, !4%+$0#+ ,%5 %::!'05 '- -5 -''-$,0 %8 #+ *#$6 # !0%70 $ ', !5 +2, !'50+:'$0 %-'-&*-2$' -' 6 $,0 *#$+ ,#'+?

$'%-'%-5'$,0' '-.'$ 3'-'-$'20'6'%:0$'$'-'6# 4'$,0' #2,;'+, :'6' %-$0#;*#8'$,0' '+, :'6' -5 -'%-5' $,0#+'%+3'-.'$,%$'$,0'+02*!%#2 *#$'+, *!5' ;0' 5'#02$05' - $'$ ' 4055!0' 1'$,'05*2%$' -' ,0' 5'++0-$0#+' 6'$,%$'5%$0' 10#0''-'6%2$' ;*+8'-'$,0' 1 #3' 6'05*2%$' -'%-5'$,0'6%2$'$,%$' %#!'%40-$'-$0#60#05'%-5'6#;%50'HN' 0-' '2'>Q'>MK>F R 5'70#+'6%!+0'%-5' :0#970#+0':0 :!0' 6'%' 20#$%'-'-01'+02$' ' ' ' $ ' ' ' ' '-'%-8'1'+0', !5' #'0E0#2'+0'+2, !+'S'5'5'-$#0%!!8'2,023'*-!'20-+05'05*2%$' -' ,0', *#2,'1%+'+0#' *+!8'%!%#4 05'%-5'$,0' !!%#5+'10#0':0#9+02*$05' ;*$'%:'%#0-$!8'1'$,'$,0'*+*%!'0660 2$'6'+$#0-.$,0-'-.'5'++0-$' ':0$'$'-':#0+0-$05'$'$,0' '-.';8'$,0' #'-20'6' %!0+'-'>MKO'HL'%-5' 0-' F':#%805'$,%$'-'4%-'#1 4%-'4'.,$R'0E0#2'+0'%+2*-+0+2 !0+'5%+2*-'+02$0' *'5 29$#'-0' 50+ #0' 0-' %7%*-$ 0-2 *-$#0' !0+' +*'+'50!G' 80' %$, !'30'0$' +%2#%40-$+'50' +0'-$0' +.!'+0'S'&" %'+ %6 !!':'Q)M<'+00' ';#%4+'. (' ' ' 5 / ' 0 !6':'>)NF' ,0' -+$'$*$' -+'6' #2,;'+, :' #*-50!'%!+'6#;%50'R'4%+$0#+'%-5'%!!1,'$0%2,';8+'%-5'$,0#+'$,0'%#$+'#'.#%44%#'%-5'$,%$'-+$#*2$40-'-'$,0'6'#+$+2'0-20+'S'$'$0%2,'+$#%-.0'$,0!.8' 5*2%$'-%!' 5'++0-$6*!6'!!05'$+'*+*%!'6*-2$'-'6'+$'4*!%$'-.'$,0'#$, 5 E':%#$8'%-5'$,0'6*-5%$'-'6'$-'%-5'$,0#+2, !+'%-5'2!!0.0+'1%+'+:02'6'2%!!8'+$%$05'$';0'R'6#'$,0'0E$'#:%$'-'6',0#0+8 S $'$,0' 06#4%$'-'$,0'4#0'450#%$0':%#$6' !!%#58'-'%-'#.%-'G05'6#4';02%40'$,0',*#2,'6'-.!%-5'%+';8'!%1'0+$%;!'+,05' ,0',*#2,'1%+'+$'!!'0:'+2 :%!';*$'$+'#'$*%!'%-5':#%2$'20+'10#0'2!0%-05'6#4'4%-8'%;*+0+'%-5'$,0' :0'1%+'6'-%!!8'2*$'66'6#4'$,0'-%$'-%!'2,*#2,'%-5'6#4'-%$'-%!'05*2%$'-'$'1'!!';0'+00-'5'#02$!8'$,%$'$,0' 4%-'%$, !'2+'1,'10#0'-1'-'066O2$'-0'6'$,0'5'++0-$'-.';5'0+'-'$,0'$%$0'10#0'50+$'-05'-'$,0'#$*#-'$'+$'4*!%$0'05*2%$'-%!'!'60' *$'6#4'>QM)'1,0-'$,0'2,%-$#8'+2, !+'10#0'50+$# 805'6#%-'0-$'#0'20-$*#8'$,0' !5' 0:'+2 :%!' !'20-+'-.'+8+$04'1%+'04:! 805';8'$,0'#06#405'2,*#2,'6#$,0' :*#:+0'6'2#*+,'-.'$,0'05*2%$'-%!'066#$+'6'5'++0-$0#+' ,0';'+, :+'!'20-+0'1%+'+$'!!'%2-5'$' -'$!:,+'-'$,0'!';0#$8'6'$,0' ,%#$0#, *+0' -5 -' -'$,0'.# *-5'$,%$',0',%5'6#%'20#$%'-':0#' 5'R'5 2*'$' ('30:$%2 4 4 -'+2 !0''-' %:0!!'50' ,%#$0#, *+0':#095'2$S'1'$, *$$,0'!'20-+0'6'$,0''+, :'#'#5'9-%#8'6'$,0'5' 20+0'4 . '" 6 !'':'>MPF' *$'$,0'!'20-+'-.'+8+$04'$, *.,'+$#'2$!8'0-6#205';8'%#!'%40-$4. 0'>'5 2'>'2'M'J)F';8'$,0' +$%;!'+,05' ,*#2,'H+00'$,0'2%--+'6'>OKMF';8'$,0''+, :+'4<%'%-5';8'$,0'2*#$+'5'5'-$';06#0'$,0' 44 -10%!$, %$$%'-'$,0',0'.,$'6''-$!0#%-20'$,%$'2%40'1'$,'$,0' 0+$ #%$'-'6' ,%#!0+' '-'>OOK ,0'0-6#2'-.'6'05*2%$'-%!'2 -6#4'$8'1'$,'%'7'.#1#$,8'6' #2,;'+, :' #*-50!'-',+'2%4:%'.-'%.%'-+$' $,0' !!%#5+'1%+'6#09+,%5 105';8'%*5';*$'$,0'2 -6#4'$8'%2$+'6'>OON'%-5'>OOQ'0E200505'070-'$,0'%*5'%-':#49'+0' ,0'#0%+-'+'-$'6%#'$'+003' *#'-.'$,0':0#'5'6'$,0' 44 -10%!$,'$,0' ,*#2,'6'-.!%-5'%+'10!!'%+'$,0' ,*#2,'6' 40',%5';02 40'%2,*#2,''-'5'++0-$'6# 4'%- -?0:'+2 9:%!'%-'0+$%;!'+,40-$' ,0'0E$040'+02$' -'6'$,0' !!%#5'4 7040-$,%5'%$!%+$ %$$%'-05'+*:#040': 10#'-' ,*#2,'%-5' $%$0''-' -.!%-5'%-5'H;8'+:02'%!' !0.'+!%$' -F'-' %!0+'H+00'$,0' 44 -10%!$,' 2$+'6'>OMP< $0E$'-'. ' , # 0(6':'>K>?>KMF' ,%#!0+' '-' ,'+' H -5 -'>OOK':'>JF'5'#02$05'$,0'4'-'+$0#+'6'070#8':%#'+,'2%#06*!!8'$'-+$#*2$'$,0'2,'!5#0-'6'$,0':%#'+, %-5'%.0-0#%!' #07'7%!'6':%# 2,'%!'05*2%$'-'+00405'!'30!8' *$'$,0'%2$'6'>OON'+, 105'$,0'6#20+'6'#0%2$'-''-'6*!!'%2$'7'$8' 70#8'$*$#%-5'+2, !4%+$0#':*;!'2'#:#'7%$0''-'$,0'!%-5'1%+'$'+*;+2#';0'%502!%#%$'-'6'2-6#4'$8'$'$,0'!'$*#.8'%+';8'!%1'0+$%;!'+,05'1,'!0''6'%'+2, !94%+$0#'$%*.,$'%+':#'7%$0'$0%2,0#'1'$, *$'%!'20-+0',0'1%+'$';0'4:#'+-05'6#$,#00'4-$,+' ,0' *+0'6' #5+''-'7%'-'#044-9+$#%$05'%.%'-+$'$,0'502!%#%$'-'6'2-6#4'$8'$,0' 44 -+''-+'+$05'-''$' ,0'2$'6'-96#4'$8'1%+'6!!105';8'$,0'70' !0'2$'6'-9>OOQ'1,'2,'6#;%50'5'++0-$0#+'$'$0%2,''-'%-8':*;!'2'#:#'7%$0'+2, !'*-50#'%:0-%!$8'6'aMK'#2,;'+, :' ,0!5'-'0-6#205'$,'+'%2$'1'$,'%:0#$'-%2'$8'%-5'%'7'.#1#$,8'6'%-;!0#2%*+0' 1'20-$*#'0+'6'0-600;!05'05*2%$'-'10#0'$,0'#0+*!$+'6'$,'+'#0%2$'-'6#4'$,0':!'28'6'$,0' 44 -10%!$,' *$'%2$'-'%-5'%-5'#0%29$'-'%#0'0U*%!'%-5':: +'$0'%-5';06#0'!-.'$,0'5'++0-$0#+'6'%!'$8:0+'5'+270#05'40$,5+'6'07%5'-.'$,0'!0.'+!%$'-'6'>OON'%-5'>OOQ',0'6'#+$%-5'4+$';7'*+'40$,5'1%+'%-':9:0%!'$'$,0'2*#$+'6'!%1'$,0'4+$'6%'$,6*!'+0#79%-$+'6'6#005'4'3-1-'$'$,0' -+$'$*$'-'+'0%#!8'%+'>OLK'-0'1%8'*$'6'05*2%$'-%!':#+02*$'-'1%+'5'+270#05<'-' 8 @'$'1%+',0!5'$,0'-4'-00'6'%6*-50#'#'6'%!%8':%$#'-'6'%+2, !'2*!5'-$';0'0&02$05';8'$,0';'+, :'6#$0%2,'-.'1'$, *$!'20-+0' ,0'2*#$+'%!+' ,0!5'$,%$'1,0-'$,0#0'+'%2'7'7'!'#0405 8'%+'*'$'-'$,0'022!0+'%+$'2%!'2*#$+'1'!!'-$!'0'4 $(97'10 6 %#$,01@+" 6':MOM' '>OPPF' ,'!0'-' > ' H 00#0''!!'%4+@" 6 !' ':'LP'>LKKF'$,0'#5'00:0#%2$*%!!8',0!5'$,%$'$,0#0'1%+'-$%-5'-070#',%5';00'-'%-8'022!0+'%+$'2%!'&*#'+5'2$'-'70#%-8'+2, !+'+%70'.#%44%#+2, !+'-'&*#'+95'2$'-''-'6%2$'70#'0!040-$%#8'05*2%$'-''-'"'0'H #5'%84-5@+" 6 !'':'OLN'>LK>F'$'1%+',0!5'$,%$'0!040-$%#8'+2, !+'5'5'-$2 40'1'$,'-'$,0'+$%$*$0'H (%2''2'MF'$,%$'4%50'%;'+, :@+'!'20-+0'-020++%#8'%$'2 44 -'!%1',*+'0!040-$%#8'05*2%$'-'1%+'6#00'6#4'$,0

2 -$# !' 6' ,*#2,' %-5' $%$0' %!'30' $' '+' :!%'-' $,%$'$,'+'6%2$'.%70'$,0'5'++0-$0#+'%-01'6#005 4'' %-5'! -.';06 #0'$,'+'&*#'0+'10#0'#06*+'-.'$'2 -9 7'2$'5'++0-$0#+'2,%#.05'1'$,'*-!'20-+05'$0%2,'-.' H+00' '. ' '' 6' !' ' :' M>' 0$2 F' *$'5'++0-$0#+'5'5' + 40$,'-.' $,0#'$,%-' .%'-' $,0'# 6#005 4' $,# *.,'$,0'2 *#$+' ,08' +, 105' ;8' 506'-'$0'%2$' -', 1'-020++%#8'$,08' 10#0'$' -%$' -%!'05*2%$' -' -'>OLM'%'506'-'$0' %-5'5'#02$'066 #$' 1%+' 4%50' ;8'$,0'!0%5'-.'5'+9 +0-$0#+' $' ;$%'-' %40!' #%$'70' !0.'+!%$' -' %E$0#' 4<% %*' %-5' '!! $+ -'5#01' *:'%' 0%!'-.' '!!'%-5'$, *.,'$,0';'+, :+'1 *!5' -$%220:$' '$' 80$' $,0' !0.'+!%$' -' ;0$100-' 5'++0-$' %-5' ,*#2,'4%50'$'!4: ++';!0'6 #'$,0'!%$$0#'$''-+'+$' -'$+'6*!' !0.%!#'.,$+'$''+*::#0++'%!!'$0%2,'-.';8' 5'++0-$0#+' ,0'& '-$%2$' -'6'$,0' ,*#2,'%-5' 5'++0-$' '-' >OLM' '-' 6 #4'-.' %' $#*+$' $' 6 *-5' +2, !+' %-5' 5'+$#';*$0' #0!'.' *+' !'$0#%$*#0' '-' %!0+'%!+' $0-505' $' 4%30' $,0' : +'$' -' 6' $,0' 5'++0-$0#+' H4%-8' 6' 1, 4',%5' ;00-' 0&02$05' 6# 4' $,0'# !'7'-.+' *-50# $,0' 0+$%;!'+, 40-$' -' $' %#$, ! 401▯+' %8' >OONF' 4 #0' : ++';!0 ,0' 1 #3' 5 -0';8'$,0'5'++0-$0#+''-'0-5 1'-.' +2, !+';0$100-' >OLM'%-5' >O)Q' 1%+' 70#8' .#0%$' ;*$',0'# 2# 1-'-.' 1 #3' 1%+' $,0' :%#$',%$',08' :!%805' '-' +$%#$'-.' $,0' .#0%$' 2,%#'$8' +2, !' 4 7040-$' 4<% %*%' $' +004+'%! 4 +$' 20#$%'-'$,%$' $,0' 4%-' %$, !'2' 5'++0-$0#+' 10#0'$,0'%*$, #+' 6'$,0'0%#!'0+$' +$%.0' 6'$,0'2,%#'$8' +2, !' 4 709 40-$' '-.' (%40+' ' 6' 2 *#+0' ! 305' 1'$,' 6%7 #' -'%-8' 4%-' %$, !'2' 4 7040-$';*$',0' 2 *!5'- $%++'+$' -0'5'++0-$'-.';58'-':#060#0-20' $'%- $,0#'%-5'+'$,0' 6#005 4'$' :0-'+2, !+' $,%$',0'.%70'$'$,0'(0+*'$+'-'%-5'%;*$' -5 -' 1%+' %!+' 0E$0-505' $'$,0' #0+;8$0#'%-' ;58' ,#00'-+$%-20+' 6' 4%-' %$, !'2' 0!040-$%#8' +2, !+''-' -5 -'%#0'6 *-5'%;*$',$'+'$'40' R%2#%$8'(0+*'$'1,''-'$,0'80%#'>O)Q'0#02$05'% 6#00'+2, !''-'$,0'+*;*#;+' 6' -5 -'S'%# *+05' $,0'066 #$+' 6' #' 0-'+ -'H$,0-'7'2%#' 6' $' %#$'-▯+'-'$,0' '0!5+F'1,'0#02$05'%'6#00'+2, !' '-' %+$!0' $#00$'R'6 #$,0'05*2%$' -' 6'5'70#+': #' ;8+' 6',+':%#'+,''-'' :+'$' -'$''$,%$' 6'$,0' (0+*'$'S'H %'$!%-5▯+' *%' 0#0'$,0#0'+'% 5'#02$' '-+$%-20' 6'5'++0-$' +$'4*!%$'-.'$,0' +9 $%;!'+, 40-$' '-$' -01'%2$'7'$8' .%'-''$' +' 3-1-'$,%$' -' %8' J'>O)O'(%40+' 'H'-' :*#+*%-20' 6',+':#0# .%$'70' : 10#F' '++*05'% !'20-+0'$' 51%#5' 2!%$0# 6' *$-08'$' 300:' +2, !' %-5' '-+$#*2$' 8 *$,'H+00' $2,▯+' (# ' 0 6' !' ' :' NPK?NPJF' ,0'$,'#5' '-+$%-20' 6'%'(0+*'$ +2, !''+'6 *-5''-' '!3'-9 + -▯+' ,0 '4 `% :' >JLF'-%6*!!' %22 *-$' 6'$,0'6%4 *+'Z %#' $#00$' #%70!' %-0' ,%#'$8' 2, !' ,'!0' '-'20-$#%!'(F -5-'$,0' (0+*'$+'$'4*!%$05'$,0' ,*#2,''-'+ *$,' -5 -' $,08' +$'4*!%$05'$,0' #0+;8$0#'%-' 5'++0-$0#+' 8'>LQO'5'++0-$'-.'+2, !+''-' -5 -',%5'2 -9 +'50#%;!8' '-2#0%+05' ,0' #0+;8$0#'%-+' ,%5' +2, !+'%$' %#$, ! 401▯+' ! +0' #8▯+' *#$' 10#' %!!' %$2!'660' '., 1%8' ,%30+:0%#0▯+' %!3' ,%510!!' %-5'$,0' #%70!' %-0' *$,9 1%#3' 2, !' ,0' -50:0-50-$+',%5'+2, !+''-' 0%$▯+' $#00$' :'$$!06'0!5+' '-.▯+' 0%5' *#$:'$$!06'0!5+'%-5' '-2 4' %#5' #+!085 1-' ,0' -0']*%30#+2, !' 1%+'%$' #'5010!!' %!3' !0#30-10!!' ,0' 5'++0-$0#+'%$$%2305' 1'$,' % 20#$%'-' 40%+*#0' 6' +*220+'$,0' : #0+$' 5'+9 $#'2$+' 40$,'-.' !'30' -0' $10!6$,' 6' $,0' 2,%#'$8' +2, !' 2,'!5#0-' '-' -5 -' 10#0' 05*9 2%$05' ;8' $,0' 5'++0-$0#+' H%-5' -0' $0-$,' '6' 10' -!8' #023 -' ; 8+F' ;8' $,0' 4'55!0' 6' $,0' 0'.,$00-$,'20-$*#8 $'+'%; *$'$,'+'$'40'$,%$',0#0'%#0';0.'--'-.' $';0'+00-'+'.-+' 6' $,0' 05*2%$' -%!' 5%1-' ' -01'05*2%$' -%!'50%!'+004+'$'2 40'+'4*!$%-09 *+!8''-$'$,0'4'-5+' 6',*#2,'%-5'5'++0-$' ,0' *-5%8'+2, !+'1,'2,'10#0'+$%#$05''-'>LOJ' %-5'10#0'2 -+ !'5%$05''-$'%+8+$04';8' ;0#$ %'30+'4<% %*' 6' ! *20+$0#''-'>L)K'10#0'$%30-' *:';8'$,0'5'++0-$0#+'%$'!0%+$'%+'7'. # *+!8'%+' ;8'$,0' +$%;!'+, 40-$' -')JM'$,0#0'10#0''- .!%-5'%-5' %!0+'%'4'!!' -'%-5'%,%!6' 6' *-5%8'+2, !%#+'1'$,'>OK KKK'$0%2,0#+' ,0' %1%30-'-.'05*2%$' -%!'#'7%!#8' 6'$,0'5'++0-$0#+' %-5' ,*#2,' :0 :!0' , 1070#'6 *-5'% -01' + *#20' 6' %2$'7'$8' '-' $,0' 4 -'$ #'%!' +2, !' +8+$04'%!4 +$' +'4*!$%-0 *+!8' +$%#$05';8' -?' 5#01' 0!!' 4<% %*' %-5' (+0:,' %-2%+$0#' 4<% %*%' 0!!▯+'+2, !+''-'>)>>' 10#0'$%30-' 70#';8'$,0' %$' -%!' 2'0$8' 4<% %*6' %-5' ;06 #0' 0!!▯+' 50%$,' H>)JNF' $,08' -*4;0#05' 70#' >N KKK' %-2%+$0#▯+'+8+$04'2 -$# !!05'6# 4'$,0'6%4 *+' +2, !'%-5'$#%'-'-.'2 !!0.0''-'$,0' # *.,' %5' 4<% %*6 1%+'$%30-' 70#''-'>)K)' #$,0#0%; *$+';8' $,0' 4 4'$$00'1,'2,''-'>)>M';02%40'$,0' #'$'+,' %-5' #0'.-'2, !' 2'0$8'H.[F' ,0+0'+ 2'09 $'0+';02%40' '50-$'6'05' #0+:02$'70!8' 1'$,' $,0' #8'%-5'$,0' ,'.':%#$'0+'%-5'10#0''4: #$%-$' 6%2$ #+''-'$,0'! -.': !'$'2%!' 4 7040-$'1,'2,''-' 4 50#-'$'40+',%+'70#8'!%#.0!8''50-$'6'05'5'++0-$' #' -2-6 #4'+$+'1'$,' $,0' ,'.+' #' ;0#%!' :%#$8'%-5'$,0' ,*#2,'1'$,' $,0' #8' # -9 +0#7%$'70':%#$8' ,0-' %#!'%40-$' %$' !%+$''-' >)JJ';0.%-'$' 4%30'05*2%$' -%!' .#%-$+'$,0' +2, !+' 6' ;$,' +2'0$'0+' 10#0' $,0' ;&02$+' 6' $,0+0' .#%-$+' $' 1%+' % R' #'$'+,'S' +2, !' $,%$' %$' 0$,-%!' #00-' 1,'2,'6'#+$' +02*#05' % .#%-$'-' >)JO'6 #.0-0#%!'+2, !':*#:+0+' -'$,0' .#*-5' 6'$,0'0E$#040' :70#$8' 6'$,0'5'+$#'2$' -' >)JP'$,0' 4 4'$$00' 6' *-2'!' -' 5*2%9 $'-'1%+'6 #405'%-5'$,0'+ 2'0$'0+' 10#0''-$#*+$05' 1'$,'%' .#%-$'6 #'$,0'0#02$' -' 6' 4 50!'+2, !+' -$'!' >)LK'$,0'+8+$04'6'7 !*-$%#8'+2, !+'1%+' $,0' -!8'+8+$04'$,%$'+02*#05',0!:'6# 4'$,0' $%$0' %-5'%+'$,0'-%$' -%!'+2, !+'6%#' *$-*4;0#05'$,0' #'$'+,'+2, !+''$'4%8';0'+%'5'+:0%3'-.';# %5!8' C$,%$' *-$'!'$,%$' 5%$0'$,0'+2, !+' 6'$,0' +%;9 !'+,05' ,*#2,'+$'!!' ,0!5'$,0'2,'0'6' :!%20''-'$,0' 0!040-$%#8'05*2%$' -%!'+8+$04' 6'$,0'2 *-$#8 ,0' 5*2%$' -' 2$' 6'>)LK'2#0%$05'%-01':+'9 $' '6 #'$' 0+$%;!'+,05'+'50';8'+'50'1'$,'$,0' 7 !*-$%#8'+8+$04'%'+8+$04' 6'#%$0';*'!$' %-5' +*::' #$05'+2, !+'1,'2,'%!+'#020'705'$,0'. 79 0#-40-$' .#%-$' ,0'+2, !+' 10#0'+070#0!8' ,%-5'2%:05''-'$,0'+$#*..!0'6 #0E'+$0-20';*$' $,%$'70#8'6%2$'+$'4*!%$05' ,*#2,'066 #$+'6 #05*9 2%$' -'%-5'50+:'$0'$,0'6%2$'$,%$'$,0'-$# 5*2$' -' 6'2 4:*!+ #8'05*2%$' -''-'>)LO'1%+'6 !! 105';8

,0+0' ; %#5+' 6' +2, !' $#*+$00+' %+' '+ + ' 6#0U*0*$!8' *#.05' *-5 *;$05!8' #0:#0+0-$ $,0' 600!'-.+' %-5' 1'+,0+' 6' $,0'# 5'+$#'2$+' ,0' %#.*40-$ $,%$ $,08' %#0' '-+$'$*$' -+' 1,'2,' %#0' 2! +0' $ ' $,0' :0 :!0' '+' '-' 4 +$ 2%+0+' %'+$# -.' -0' ,'+' '+' , 1070#' ; $,' $,0'# +$#0-.$,' %-5' $,0'# 10%3-0++' ,0' +2, !+' 4*+$ 6#0U*0-$!8' $%30' % : +'$' -' '-' %57%-20' 6' $,0' :0 :!0' %-5' $,0'# %;'!'$8' $ ' 5 ' + ' '+ 6$0-' +0#' *+!8' '4:0505' ;8' *-'-$0!!'.0-$' ; %#5+' 6' 5'+$#'2$' $#*+$00+' ,0#0' '+' !'$$!0' ;*+'-0++' '-' %' #*#%!' 5'+$#'2$' 1,'2,' 2 *!5' - $' ;0' $#%-+%2$05' %+' 10!!' ;8' -0' 4%-' %+' ;8' $,#00' %-5' $,0' 5'66'2*!$8' 6' 6'-5'-.' $,#00' . 5' 40-' $ ' 4%-%.0' % +2, !' 6 #' 070#8' $0%2,0#' 04:! 805' '+' '-5005' .#0%$' -' !!'- '+' 6 #' 0E%4:!0' %; *$ JJ KKK' +2, !' $#*+$00+' %#0' #0U*'#05' $ ' 2 -5*2$' $,0' +2, !' ;*+'-0++' 6' $,0' #*#%!' %-5' *-.#%505' +2, !+' 6' $,0' +$%$0' 1,'2,'04:! 8' %; *$' □□□' $0%2,0#+' 1'$,' % 2 +$' 6 #' 4%'-$0-%-20' 6' %; *$ >QKK KKK' 0%2,'80%#' 1,'!0'-' $,0' '$8' 6' ,'2%.' $10-$8? -0' 40-'! 3' %6$0#' $,0' +2, !' %66%'#+' 6' % +2, !' +8+$04' 04:! 8'-.' 70#' OKKK' $0%2,0#+' %-5' 2 +$'-.' 6 #' 4%'-$0-%-20' -!8' 70#' ^) KKK KKK' % 80%#' ,0' +8+$04' 6' 5'+$#'2$' 4%-%.040-$' '+' *!$#%?2 -+0#7%$'70' %-5' 05*2%9 $' -%!!8' '-066'2'0-$' $,0' $#*+$00+' 6#0U*0-$!8' %++*40' %*$, #'$8' 70#' 4%$$0#+' 6' 1,'2,' $,08' %#0' #0!%$'70!8''.- #%-$' %-5' %!4 +$ %!' :# .#0++' '-'+2, !' %54'-'+$#%$' -' %-5' 066'2'0-28''-'+ '6%#' %+' '$#0!%$0+' $ '#*#%!' +2, !+' ,%+' ;00-' 4%50' 1'$,9 *$' $,0' +*:: #$' %-5' 6$0-' %.%'-+$' $,0' :: +'9 $' -' 6' $,0' 5'+$#'2$' +2, !' %*$, #'$'0+' %#' *+' 40%-+' ,%70' ;00-' %5 :$05' $ ' '4:# 70' $,0' +'$*%9 $' -' 6# 4' 1'$,'-' ;8' '4:# 7'-.' $,0' #*#%!' +2, !' $#*+$00' ;*$' 1'$, *$' +*220++' ' $#*+$00' 5%8' %$' $,0' 2 *-$8''-+$'$*$0' ,%+' ;00-'+0$%:%#$''-' 4%-8' :!%20+' ;*$' $,0' %$$0-5%-20' '-' 4 +$' 2%+0+' ,%+' ;00-' +4%!!' 0#,%:+' $,0' 4 +$' +'.-'6'2%-$ 4 7040-$''6' 0E'+$'-.'; %#5+' 6' $#*+$00+' %#0' $ ' ;0' #0$%'-05' ,%+' ;00-' $,%$' 6' 0--+8!7%-'%'%-5' 20#$%'-'+$%$0+' '-' $,0' #$,10+$ H #$,' %3 $%' *$,' %3 $%' '--0+ $%' '+2 -+'-F' 1,0#0' %--*%!' 2 -70-$' -+' 6' $#*+$00+' 4*+$' ;0' 2%!!05' ;8' $,0' 2 *-$8' +*:0#'-$0-50-$6 #' $,0' 5'+2*++' -' 6' 4%$$0#+' #0!%$'-.' $ ' $,0' 10!6%#0' 6' $,0' +2, !+' $$0-5%-20' 6' $#*+$00+' +2 4:*!+ #8' %-5' 4'!09 %.0' %-5' % :0# ' '+ :%'5' 6 #' %$$0-5%-20

00' %#$'2!0+' ,' $,0' 5'660#0-$ +$%$0' +2, !' +8+9 $04+' %+' %!% %' 1%#*%*' % / # %' 0$2' 6 #' 6*#$,0# %-5' 4 #0' 50$%'!05''-6 #4%$' -' %+' $ ' $,0' -*4;0#' 40$, 5' 6' 0!02$' -' %-5' :10#+' %-5'5*$'0+' 6' 5'+$#'2$' ;%#5+' 6' $#*+$00+' ,0' +00' %!+ ' * ' ' , * ' 6 #' $,0' ,'+$ #'2%!' %22 *-$

060#0-20+' /

*'C' / ' ' H ' ' ' ' A ,' ' ' 'H ' ' E %' % %' %' 0(%6' 0 '>0 #' ('44' ' '#.>'$. %**' ' ;' ' ' ' 6 ' 7* ' ' P A 5 ' . %' 0(%'" %6' ' -#' < ' 8 %' " %' .0 %' +02%', %' E!%6' -&> -#' ' %#>&% ' 9' 1' ' / ' ' + ' 9 ' < A ,' 0(%'" %6' ('&&' ' -.' ' &' '>' &##

) ' / ' ' 400$'-.' 6' $,0' #0+'50-$'!0.%!'7 $0#+' 6' $,0' +2, !' 5'+$#'2$' 2%!!05' $ ' 0!02$' 66'20#+' %-5' $ ' $#%-+%2$' ;*+'-0++' # $ ' 502'50' 4%$$0#+' 6'! 2%!' '4: #$%-20' -' %-*49 ;0#' 6' +$%$0+' 1 40-' ,%70' ;00-' 502!%#05' !0.%!' 7 $0#+' %$' +2, !' 400$'-.+' ,0' %-*%!' 5'+$#'2$' 400$'-.' '+' % #0.*!%#' 60%$*#0' 6' %' -*4;0#' 6' +$%$0+' 1,0#0' '$' ,%+' 5 -0' . 5' +0#7'20' '-' $,0' :%+$' '-' $,0' 05*2%$' -' 6' $,0' :0 :!0' '-' $,0' 6 #4+' 6' +0!6?. 70#-40-$' ,0' %*$, #'$8' 6' $,0' 5'+9 $#'2$' 400$'-.' '+' $?5%8' .#0%$!8' #0+$#'2$05' %-5' '-' $,0' -010#+$%$0+' '$' ,%+' !'$$!0' 10#' 0E20:$' '-' 4%$$0#+' #0!%$'-.' $ ' ;*'!5'-.' 4 7'-.' $,0' +2, !?' , *+0' # 5'#02$'-.' $,0' 2 *#+0' 6' 5'+$#'2$' !'$'.%9 $' -' 70-' '-' $,0+0' 4%$$0#+' '$' 2%-' -!8' 5'#02$' $,0' $#*+$00+' 6' $,0' 5'+$#'2$' ,1' $ ' %2$' -' $,0' !50# +$%$0+' '$+' :10#+' %#0' .#0%$0#' 70#89 1,0#0' ,1070#' '$+' :10#+' ,%70' ;00-' 502#0%+05' 6# 4' 1,%$' $,08' #'.'-%!!8' 10#0' %-5' $,0' 6*-29 $' -+' '$' -20' 0E0#2'+05' ,%70' ;00-' $#%-+60##05' $ ' '$+' 66'20#+' # $ ' $ 1-+,':' $ 1-' # 2 *-$8' +2, !' 66'2'%!+' # $ ' $,0' +$%$0' ,0' %--*%!' 5'+$#'2$' 400$'-.' '+' '-' ;*$ %601'+$%$0+'+$'!!' 2 49 :0$0-$' $ ' 502'50' 1,' +,%!!' ;0' 04:! 805' $ ' $0%2,' $,0' +2, !' $,'+' ;0'-.' -1' '-' $,0' ,%-5+' 6' $,0' 5'+$#'2$' 66'20#+' #' *-50#' $,0' 2 *-$8' +8+$04' '-' $,0' ,%-5+' 6' $,0' 2 *-$8' ; %#5' 6' 05*2%$' -' 1,'!0' $,0' +0!02$' -' 6' $0E$; 3+' %-5' $,0' :#0+2#';9 '-.' 6' 1,%$' +,%!!' ;0' $%*.,$' '+' -1' .0-0#%!!8' 502'505' ;8' $,0' +$%$0

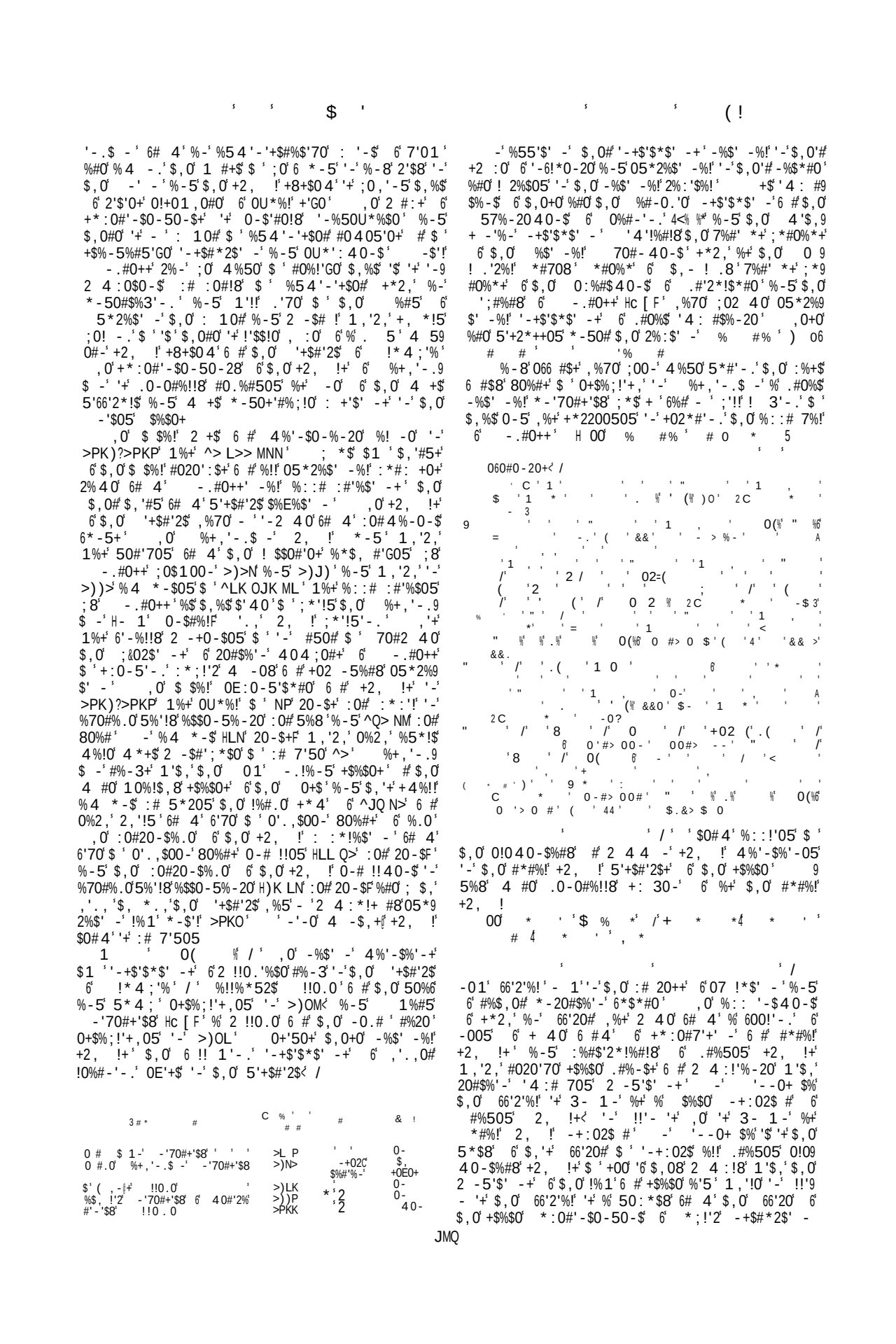
2,' ,%+' ;00-'+%'5' ; $,' 6 #' %-5' %.%'-+$' $,0' 5'+$#'2$' +2, !' 400$'-.' -50#' :#' 4 '$'70' 2 -9 5'$' -+' 1,0-' $,0' ;0!'06' '-' $,0' :;!'2' +2, !+' 1%+' 10%3' $,0' 400$'-.' 5'5' '$+' .#0%$0+$' +0#7'20' $' 1%+' +*'$05' $ ' $' #*#%!' 2 -5'$' -+' -' $,0' $,0#' ,%-5' '$' 1%+' '-066'2'0-$' '-2 -+'+$0-$' %-5' *-:# .#0++'70' %+' %' 40%-+' 6' %54'-'+$#%$' -' %-5' 4%-8' 6'0#20' %-'4 +'$'0+' 10#0' 0-.0-50#05' 70#' 4%$$0#+' $ ' $#'6!'-.' $ ' 40#'$' %' 400$'-.' 6 #' 2 -+'50#%$' -' %-5' $,0' 066'2'0-28' %-5' *+06*!-0++' 6' $,0' +2, !+' 10#0' +0#' *+!8''4:%'#05' ;8' $, +0' 6%2$' -%!' 5'+$*#;%-20+' ,0' 502!'-0' 6' $,0' +2, !' 400$'-.' %+' %-' '-+$'$*$' -'+0$' '-' 80%#+' %. ' $,0' +$%$0+' 6'-5'-.' '$' -020++%#8' $ ' 50:#'70' 5'+9 $#'2$' 400$'-.+' 6' $,0'#' %*$, #'$8' %-5' $ ' '4:+0' #0U*'#040-$+' %+' $ ' $%E%$' -' $0#4 ' $0%2,0#+' %-5' '-+$#*2$' -' '-' #50#' $ ' +02*#0' #0%+ -%;!8' +%$'+6%2$ #8' 2 -5'$' -+' %-5' :# .#0++' 66'2'0-$' +2, !' %54'-'+$#%$' -' ,%+' ;00-' :# 4 $05' '-' :# : #$' -' %+' $,0' '4: #$%-20' 6' $,0' 5'+$#'2$' 400$'-.',%+' ;00-' 4'-'4'G05'

00' %!+' %#$'2!0+' -' * ' ' $ % *' ' + * *' %-5' #060#0-20+' 2'$05' $,0#0' %-5' -

% .%

' / ' ,0' 059 0#%!' 5'+$#'2$' -' $,0' $ 4%2' '70#' '-' 1,'2,' $,0' 2%:'$%!' 6' $,0' -'$05' $%$0+' ,%+' ;00-' ! 2%$05' +'-20' >)KK' ,0' $ $%!' : :*!%$' -' 6' $,0' 5'+$#'2$' '-' >P>K' 1%+' JJ> KOP' 6' '$+' : :*!%$' -' '-' >PKK' J>>' :0# 20-$' 10#0' 6' $,0' -0.# '#%20' %-5' >K N' :0# 20-$' 10#0' 6 #0'.-' ; #-' 0#4%-+' #'+,' %-5' -.!'+,' $ .0$,0# 2 4:#'+05' LQ' :0# 20-$' 6' $,0' 6 #0'.-' ; #-' ,0' :0#20-$%.0' 6' '!!'$0#%$0+' '-' $,0' : :*!%$' -' 6' >PKK' 1%+' ':0# 20-$' 6 #' $,0

,0 -0E$ 80%# $,0 6 *# ; %#5+ 6 $#*+$00+ 6 $,0 '+$#'2$ 7'G ',0 ; %#5 6 # 1,'$0 %-5 $,0 ; %#5 6 # 2 ! #05 +2, !+ '- %+,'-.$ - ,$,0 0 #.09 $ 1 - ; %#5 %-5 $,0 ; %#5 6 $#*+$00+ 6 # 2 *-9 $#8 +2, !+ 10#0 %!! %; !'+,05 %-5 %!! 6 $,0 +2, !+ 6 $,0 5'+$#'2$ 1,'$0 %-5 2 ! #05 10#0 2 -+ !'5%$05 *-50# -0 4%-%.040-$'-$,0 6 #4 6 % %#5 6 #*+$00+ 6 # $,0 2, !+ 6 $,0 '+$#'2$ 6 !*4;'% 2 4: +05 6 -'-0$00- 404;0#+ 0!070- 0!02$05 6# 4 $,0 2'$8 6 %+,9 '-.$ - $,#00 6# 4 0 #.0$ 1- %-5 6'70 6# 4 $,0 2 *-$#8 5'+$#'2$+ >))N $,'+ ; %#5 1%+ 6*#$,0# #05*205 $ -'-0 >)PQ $1 1 40- 10#0 %5505 4%3'-. $,0 -*4;0# 0!070- >PKK $,'+ %#5 6 #*+$00+ 1%+ %; !'+,05 %-5 % -01 %#5 6 5*2%$' - 6 +070- 404;0#+ 1%+ 2#0%$05 $;0 %:: '-$05 ;8 $,0 44'+9 +' -0#+ 6 $,0 '+$#'2$ 6 !*4;'% 6 # %6$0# $,0 6'#+$ %###%-.040-$'+070-?80%# $0#4+ :%#9 $'%! *-'6'2%$' - 6 1,'$0 %-5 2 ! #05 2, !+ 1%+ %! +02*#05 ;8 +*; #5'-%$'-.',0 +*:0#'-$0-50-$ 6 2 ! #05 2, !+ $,0 +*:0#'-$0-50-$ 6 1,'$0 2, !+ >PKO %6$0# %:# ! -.05 ,0%#'-. 6 !9 ! 1'-. %+$ #48:0#' 5' 6 +'E80%#+ %- $,0# -01 %#5 6 5*2%$' - 1%+ 2#0%$05 $ 2 -+'+$ 6 -'-0 404;0#+ $,#00 6 1, 4 +,%!! ;0 1 40- %-5 $,#00 6 1, 4 +,%!! ;0 6 $,0 2 ! #05 #%20 ,08 %#0 $;0 %:: '-$05 ;8 $,0 (*+$'20+ 6 $,0 *:#040 *#$ 6 # $,#00?80%# $0#4+ %6$0# $,0 6'#+$ %:: #$' -40-$ 6 $0#4+ $ '-+*#0 -0 $,'#5 #0$'#'-.'0%2,'80%# #0+0-$ 2, ! 8+$04 / ,'+ %#5 6 5*2%$' - 6 -'-0 404;0#+ 2#0%$05 ;8 $,0 %2$ 6 >PKO ,%+% - 4'-%!'2 -$# ! 6 $,0 +2, !+ 6 $,0 '+$#'2$,08 #0: #$ $ ' $,0 44'+9 +' -0#+ 6 $,0 '+$#'2$ 6 !*4;'% 1, '%#0 $,0 *-2'! $,0 %8 # %-5 $,0 %#5 6 :: #9 $' -40-$ %-5 070-*0 %!! '- -0 ;*$ +02*#0 $,0'# %:: #:'%$' -+6# 4 -.#0++ 1,'2,'+ $,0 #0%! %#5 6 5*2%$' - 6 # $,0 '+$#'2$!$ +%!%#'0+ %-5 %!! '4: #$%-$0E:0-5'$*#0+ 4*+$;0 6'E05 ;8 -.#0++ -%! !0.'+!%$' - ,0 -01 %#5 6 5*2%$' -'+ 50$0#4'-0 %!! U*0+$' - 6 .0-0#%! 05*2%$' -%! : !'28 %-5 $ %:: '-$ '$+ 0E02*$'70 66'20#+ ,0 *:0#'-$0-50-$ 6 2, !+ '+ %:: '-$05 6 # % $,#00?80%# $0#4 %-5 ,%+ 2 -$# ! 6 $,0 05*2%$' -%! 1 #3 6 $,0 '+$#'2$ 0 #02 440-5+ +'-20 >PKO 6 # $,0 6'#+$ $'40 %!! $0%2,0#+ :#'-2':%!+ %-5 +*:0#9 7'+ #+ 6 # %:: '-$40-$:# 4 $' - %-5 5'+9 4'++%! ;8 $,0 ; %#5 0 +'+%++'+$05 ;8 -0 ++'+$%-$ *:0#'-$0-50-$ 6 # 1,'$0 +2, !+ -0 ++'+$%-$ *:0#'-$0-50-$6 #2 ! #05+2, !+ -0 '#02$ # 6 -$0#405'%$0 -+$#*2$' - '- 1,'$0+2, !+ %*:0#7'+ # 6 %-*%! #%'-'-. 5'#02$ #+ 6 5#%1'-. :,8+'2%! 2*!$*#0 4*+'2 5 40+$'2 +2'0-20 5 40+$'2 %#$:#'4%#8 '-9 +$#*2$' - 3'-50#.%#$0-+ %-5 -'.,$ +2, !+ %-5 %,'#$00-+*:0#7'+'-.:#'-2':%!+ ,0 +2, !+ 6 $,0 '+$#'2$ %#0 .# *:05 '-$ $,'#$00-5'7'+ -+ -'-0 6 1,'2,' -2!*50 $,0 1,'$0+2, !+%-5 6 *#$,0 2 ! #05+2, !+ %2,' .# *:2 -+'+$+ 6 6# 4 0'.,$ $ $10!70 +2, ! ;*!5'-.+ %-5 '+'-2,%#.0 6 %+*:0#7'+'-.:#'-9 2':%! ,0 +2, ! +8+$04 6 # 1,'$0+2 -+'+$+ 6 %- #4%!+2, !'6'70 ,'.,+2, !+ %-5 0'., $8? +070- 0!040-$%#8 +2, !+ ,0 +2, ! +8+$04 6 #2 ! #05:*:'!+2 -+'+$+ 6 %- #4%!+2, !'$1 ,'.,+2, !+ %-5 6 #$8?6 *# 0!040-$%#8 +2, !+ ,0 +2, ! +8+$04 04:! 805 '- >PK)?>PKP $,#00 +*:0#7'+ #8 66'20#+ >Q)J $0%2,0#+ '- 5%8 +2, !+ %-5 PQ $0%2,0#+ '- 070-'-. +2, !+ >>J 6 $,0 5%8 +2, ! $0%2,0#+ 10#0 04:! 805 '- 3'-50#.%#$0-+ %-5 NJQ '- $,0 ,'., +2, !+ -%55'$' - $ ',0+0 $,0#0 '+ % :02'%! +2, ! 6 # %2311%#5 %-5 $8:'2%! ,'!5#0-6 # 0%2,'#%20 $,0 0-5%!! 2, ! 6 #50%6 %-5 5*4; 6 $,0 1,'$0 #%20 %-5 $,0 ! #05 -+$'$*$0 6 # $,0 +%40 2!%++ 6 $,0 $,0# #%20 %-5 $1 '-5*+9 $#'%! #06 #4 +2, !+ -0 6 # ; 8+ %-5 $,0 $,0# 6 # .'#!+ ,0 ;*+'-0++ %66%'#+ 6 $,0 ; %#5 %#0 ,%-5!05 ;8 $,0 44'++' -0#+ 6 $,0 '+$#'2$ 6 !*49 ;'% 1, 2 -$# ! +2, !, *+0 :!%-+ #0:%'#+ :*#2,%+0 6 070#8 3'-5 +%!%#8 %5&*+$40-$+ %-5 '-' + 40 #0+:02$+ 070- #*!0+ %-5 #0.*!%9 $' -+ ,0 $0#4 R %#5 6 5*2%$' -'J '+ % 4'+- 40#6 # $,0 ; %#5 '+ 1'$, *$: 10#% -5 '+ !'$$!0 4 #0 $,%-' % ; %#5 6 +2, ! 7'+'$ #+ *#$+ %-5 44'++' -0#+ 4%8 #07'01 '$+ 509 2'+' -+ $#0%+*#8 66'2'%!+ #07'+0 '$+ 0+$'4%$0+ %-5 $,0 ; %#5 ,%+ - % *$, #'$8 $ 4%30 % +'-.!0 :*#2,%+0 , 0 ; %#5 ,%+ - $#0%+*#0# %*5'$ #' ;*+'-0++ 4%-%.0# %#2,'02 6*-5+ # :#:0#$8 $+ -0 -?05*2%$' -%! 66'20# '+ %+02#0$%#8 1, '+%!+ %40 4;0# 6 $,0 '+$#'2$ *::!8 44'++' - %-5 %2$+ %+ '-$0#405'%#8 ;0$100- $,0 ; %#5 %-5 $,0 44'++' -0#+ 0U*0+$+ 6 # 6*-5+ %#0 4%50 ;8 $,0 %#5 6 5*2%$' - $ $,0 44'++' -0#+ 6 $,0 '+9 $#'2$ 6 !*4;'% 1, :%++ - $,04 %-5 049 ; 58 +*2,'#0U*0+$+ %+ $,08 %::# 70 '- $,0'# 0+$'4%$0 6 6*-5+ -00505 $ 2 -5*2$ $,0 %66%'#+ 6 $,0 '+$#'2$ -0 ,%16 6 $,0 0E:0-+0+ 6 $,0 '+$#'2$ 2 40 6# 4 %5'+$#'2$ $%E $,0 $,0# ,%16 6# 4 -.#0++ -%! %:: # :#'%$' - + ,'+ 0+$'9 4%$0 '+ $,0 - +*; 4'$$05 $ -.#0++ %-5 #09 60##05 $ $,0 :# :0# 2 44'$$00+ 6 $,0 $1 , *+0+ %-5 -.#0++ .#%-$+ 1,%$ '$ +00+ 6'$ # .#0++ *-50# $,'+ :!%-'+ #0!%$'70!8 +! 1 %-5 $,0 6%2!'$8 1'$,'1,'2,' -.#0++ 2%-'#02 -+$#*2$ $,0 +2, ! +8+$04 %+ %:%#$ 6 $,0 %--*%! %::# :#'%$' - ;'!! 4%30 '-$0#60#0-20 0%+8 %-5 % 2 -$'-* *+' : !'28 %!4 +$ %-' 4: ++'; '!$8 ,0 +%!%#'0 6 # $0%2,0#+ %-5 +*:0#7'+ #+ 0+$%;!'+,05 ;8 -.#0++ %#0 #0!%$'70!8 +4%!! / $, +0 6 # $,0 4 #0 '4: #$%-$: +'$' -+ 70#8 +4%!! / %-5 $,0 %::# :#'%$' -+ 6 # -01 ;*'!59 '-.+ %#0 '-%50U*%$0 $:# 7'50 6 # $,0 .# 1$,' 6 $,0 2'$8 ,0 #020-$ #0: #$ 6 $,0 2, ! *+0 2#0%$05 ;8 $,0 %2$ 6 >PKO #070%!05 4%-8 : # %-5 %-$'U*%$05 ;*'!5'-.+ %-5 % 70#8 '-%50U*%$0 4%$0#'%! 0U*': 40-$,0 2 -6*+' -0E'+$'-.' +' ,%#5!8 2#05';!0' *$, #'$8 %-5 #0+: -+';'!'$8 %#0 ,:0!0++!8 $'05 *:' 1'$,'#05 $%:0 ,0 ;*#0%*' 40$, 5+ '-' *+0 %#0 0-$'#0!8 '-%50U*%$0 $ $,0 $%+3 -' %$$04:$ '+ 4%50 $ 4%-%.0 %!%#.0 2'$8 +2, ! +8+$04 ;8 +4%!! $ 1-40$, 5+ %-5 $,0 #0+*!$ '+ 5'+%+$# *+' 5*2%$' -%!2 -5'$' -+ '-' %+,?



JMQ

1 , ' '-+: 02$+' %-5' %: : # 70+' +2, !+' 1 , '2, ' 400$' 20#$%' -' 2 -5 '$' -+' %+' $ ' ; *'!5'-. ' 0U*': 40-$' %-5' $0%2, 0#' %-5' 50+'. -%$0+' $, 04' %+' +$%-5%#5' #*#%!' +2, !+' ' ,0' +$%$0' %.0-$+' 04 :! 805' 6 #' + ' ! -.' ; 8' %++%2, *+0$$+' %-5' --02$'2*$' 10#0' '-' %' 20#$%'-' +0-+0' +$%$0' '-+: 02$ #+' 6' #*#%!' +2, !+' ' 601' $, 0#' +$%$0+' ,%70' %: : '-$05' +*2, ' %-' 66'20#' ; *$', '+' 1 #3' %-5' : +'$' -' %#0' %+' 80$' *-20#$%'-' 6' % +%$'+6%2$ #8' +8+$04' 6' 2 *-$8' +2, !' +*: 0#7'+' -' 2 *!5' ;0' :# 7'505' $, 0#0' 1 *!5' ;0' #0!%$'70!8' +4%!!' -005' 6' +*2, ' % +$%$0' 66'2'%!' %-5' $, 0' :#0+0-$ 10%3-0+' 6' 2 *-$8' +*: 0#7'+' -' '+' $, 0' %2$*%$'-. ' 2%*+0' 6' $, 0' %: : '-$40-$ 6' $, 0+0' '-+: 02$ #+

' ' (' 00

" #% * ' '% #%

' ' / ' 8' $, '+' '+' 40%-$ % 6 #4' 6' 05*2%$' -%!' #.%-'G%$' -' *-50# 1 , '2, ' $, 0' +2, !' 5'+$#'2$' '+' $, 0' *-'$' 6' #.%-'G%$' -' 2 -5*2$'-. ' '$+' %66%'#+' 1'$, *$' 4*2, ' 70#+'. , $ # 2 -$# !' 6# 4' %-8' , '. , 0# %*$, #'$8' 0E20: $' +*2, ' 70#+'. , $ %+' '+' . '70-' ; 8' $, 0' 2 *-$8' +*: 0#'-9 $0-50-$' 6' +2, !+' # $, 0' 2 *-$8' ; %#5' 6' 05*9 2%$' -' '6' +*2, ' % ; 58' 0E'+$+' %2$'-. ' *-50#$, 0' .0-0#%!' +2, !' !%1+' 6' $, 0' +$%$0' -50#$, 0' 5'+9 $#'2$' +8+$04' ! 2%!' #.%-'G%$' -' %-5' 2 -$# !' '+' %$' % 4%E' 4*4' %-5' 20-$#%!' 2 -$# !' %#0' %$' % 4'-'9 4*4' , 0' 5'+$#'2$?+8+$04' 6 #4+' 6' #.%-'G%9 $' -' 1 , '2, ' :#07%'!' '-' #3%-+%+' %-5' !!'- '+' %#0' . 5' 0E%4: !0+' 6' $, 0' 5'+$#'2$' +8+$04' 6' 2 -$# !' , 0' $ 1 -' +8+$04' %+' +00-' '-' %++%2, *+0$$+<' $, 0' $ 1 -+, ':' +8+$04' %+' +00-' '-' -5'%-%<' $, 0' 5'7'+' -' +8+$04' %+' +00-' '-' 0-$*238<' %-5' $, 0' 2 *-$8' +8+$04' %+' +00-' '-' ! #'5%' %-5' *'+'%-%' %#0' 0E%4: !0+' 6' % :# .#0++'70!8' 4 #0' 20-$#%!9 'G05' +8+$04' 6' +2, !' #.%-'G%$' -' 1'$, '% 7'01' $ ' +02*#'-. ' .#0%$0# 05*2%$' -%!' 066'2'0-28

H 00' +0: %#%$0' %#$'2!0+' -' $, 0+0' 5'660#0-$' +8+$04+' *-50#$, 0' :# :0# , 0%5'-. +' !+' +00' $, 0' %#$'2!0+' -' * ' ' $ % *' /' + * *' %-5' -' * ' ' # 5

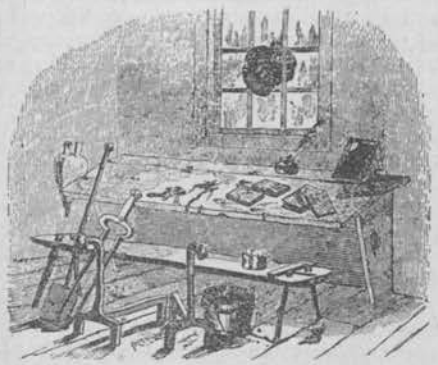
, 0' #'+0' 6' $, 0' 5'+$#'2$' +8+$04' , '+$ #'2%!!8' '+' 6' 4*2, ' '-$0#0+$' -' $, 0' #'.'-%!' 01' -.!%-5' 2 !-'0+' $, 0' $ 1 -' 1%+' $, 0' *-'$' 6' ; $, ' 2, *#2, ' %-5' 2'7'!' . 70#-40-$' -' %+9 +%2, *+0$$+' ; 8' >LKK' %+' 4%-8' %+' $10-$8' +0: %#%$0' :%#'+, 0+' , %5' ; 00-' 2#0%$05' 1'$, '-' $, 0' 0'. , $8' $ 1-+' $, 0-' 0E'+$'-. ' %-5' $, 0' -*4; 0#' '-9 2#0%+05' #%: '5!8' 5*#'-. ' $, 0' -0E$' , %!6' 20-$*#8' %2, ' :%#'+, ' : ++0++05' 6*!!' 2'7'!' 4%2, '-0#8' 6 # 2%##8'-. ' *$' $, 0' #0!'. ' *+' :*#: +0' / ' $, 0' :%#'+, ' 400 -. ' 2!0#3' 2 -+$%; !0' %-5' %++0+9 + #+' / ' %-5' $, 0' :%#'+, ' 400$'-. ' + -' ; 00%40' % 20-$0#' 6 #' $, 0' 5'+2*++' -' 6' :%#'+, ' '-$0#0+$+' $, 0#' $, %-' $, +0' 6' $, 0' 2, *#2, ' %-5' 6 #' $, 0' #'+0' 6' 504 2#%28' %-5' 6 #' $, 0' %++0#$' -' 6' :%#'+, ' # 5'+$#'2$' #'. , $+' , '+' .#0%$!8' %220!0#%$05' $, 0' 4 7040-$' $ 1%#5' 5020-$#%!'G%$' -' , 0' 504 9 2#%$'2' 50+'#0' 6 # ! 2%!' 2 -$# !' %-5' 6 #' 4%E'9 4*4' ; 0-06'$+' 6# 4' %!!' $%E0+' :%'5' !05' $' +$'!!' $, 0#' 504%-5+' , 0' 5'7'+' -' 6' $, 0' $ 1-' '-$ ' 5'+$#'2$+' 6 #' $, 0' #0: %'# 6' , '. , 1%8+' 1'$, ' +*#?

708 #+' 6 #0%2, ' + -' 2%40' %; *$' %-5' %6$0# >LNQ' 506'-'$0' +*#708 #+' 5'+$#'2$+' 0E'+$05' .0-0#%!!8' '-' $, 0' $ 1-+' *2, ' 5'+$#'2$+' .#%5*%!!8' ; 02%40' +4%!!0# ' -' %#0%' %+' 10!!' %+' 4 #0' 2!0%#!8' 506'-05' 40' $ 1-+' %!+ ' 10#0' 5'7'505' '-$ ' 5'+$#'2$+' 6 #02#*'$'-. ' $, 0' 4 '!'$'%' %-5' 2 -+$%; !0+' %-5' %++0+9 + #+' 10#0' 0!02$05' 6 # 5'660#0-$' : %#$+' 6' $, 0' $ 1-' !!' 6' $, 0+0' '-6!*0-20+' $0-505' $ 1%#5' $, 0' .# 1$, ' 6' 5'+$#'2$' 2 -+2' *+-0++' %+' : : +05' $ ' $ 1-' 2 -+2' *+-0++' %-5' $ ' $, 0' 5070! : 40-$' 6' $, 0' 2'7'!' %-5' 504 2#%$'2' 2 -+2' *+-0++' %+' : : +05' $ ' $, 0' 0%#!'0# #0!'. ' *+' . 70#-40-$' 6' $, 0' $ 1-, 0' #'+0' 6' $, 0' 5%40' +2, !' 4<' %#' '-' $, 0+0' :%#'+, 0+' '-' $, 0' +*4 40#' %-5' $, 0' :#0+0-20' 6' $, 0' :#'7%$0' +2, !' $%*., $' ; 8' %4%+$0#' '-' $, 0' 1'-$0#' :# 7'505' %4 #0' 2 -70-'0-$' 40%-+' 6' '-+$#*29 $' -' $, %-' $, 0' 20-$#%!' $ 1-' +2, !' %66 #505' +' $, 0' $ 1-' +2, !+' '-' -0%#!8' %!' 2%+0+' 10#0' +*: 9 : #$05' '-' : %#$' ; 8' $, 0' #%$0?; '!!' # $*'$' -' 600+' $, '+' ! 2%!' +*: : #$' 6' 5%40' %-5' : #'7%$0' +2, !+' $0-505' 4%$0#'%!!8' $ ' #05*00' $, 0' %7%'!%; !0' 6*-5+' 6 # $, 0' 4%'-$0-%-20' 6' $, 0' $ 1-' +2, !' +' $, 0' !%1+' 6' $, 0' 2 ! -'0+' #0U*'#05' $, 0' 4%'-$09 -%-20' 6' +2, !+' %-5' $, 0' 20-$#%!' %*$, #'$'0+' 10#0' '-+'+$0-$' $, %$' $, 0' : # 7'+' -+' 6' $, 0' !%1+' +, *!5' ; 0' 2%##'05' *$' %-5' %+' $, 0' 6'-0+' 6 #6%'!9 *#0' $' 2 4 : !8' 10#0' %!4 +$' +*66'2'0-$ $' : %8' %4%+$0#' '$' ; 02%40' -020++%#8' 6 #' $, 0' $ 1-+' $' 502#0%+0' %-5' 6'-%!!8' 0-$'#0!@' $' %; !'+, ' $, 0' $*'$' -' 2, %#.0' %-5' $' 4%'-$%'-' $, 0' $ 1-' +2, !' 1, !!8' ; 8' % .0-0#%!' $%E' !07'05' -' $, 0' : # : 0#$8' 6' $, 0' 1, !0' $ 1-' , '+' 1%+' $, 0' : 9 : #$*-'$8' 6' $, 0' : %#'+, 0+' # 5'+$#'2$+' %-5' $, 0' : # 20' 6' $, 0' 2 -+0-$' 6' $, 0' *$0# : %#'+, 0+' $' $, 0' $ 1-' $%E' %$0' 1%+' $, 0' 5'7'+' -' 6' $, 0' $ 1-' +2, !' H 00' o ' , ' 5' , 0' : #%2$'9 2%!' 1'+5 4' 6' $, 0+0' 504 2#%$'2' : %#'+, ' 400$'-. +' - 1'%++0#$05' '$+0!6' %-5' $, 0' 4 7'-. ' $ 1-' +2, !' ; 8' 1, '2, ' $, 0' $ 1-' +2, !' 1%+' 2%##'05' $' %!!' 6' $, 0' : %#$+' 6' $, 0' $ 1-' '-' # $%$' -' # $, 0' 0+$%; 9 !'+, & 0$ 6' %55'$' -%!' $ 1-' +2, !+' # ; $, ' 1%+' $, 0' #0+*!$' , 0' 5%$0' 6 # $, 0' %$$%'-40-$' 6' $, '+ +$%. 0' '-' $, 0' 07 !*$' -' 6' $, 0' 5'+$#'2$' +2, !' 4%8' ; 0' : !%205' %+' '-' $, 0' 6'#+$ U*%#$0#' 6' $, 0' 0'., $00-$, ' 20-$*#8' %-5' 6# 4' $, '+' $' 40' *-$'!' $, 0' !%$$0#' , %!6' 6' $, 0' 0'., $00-$, ' 20-$*#8' 1, 0-' $, 0' 5'+$#'2$' #.%-'G%$' -' 1%+' %*$, #'G05' .0-0#%!!8' ; 8' !%1'%-5' .'70-' 6*!!' !0.%!' +$%-5'-. ' $, 0' 07 !*$' -' 6' $, 0' 5'+$#'2$' +2, !' *$' 6' $, 0' 4 7'-. ' +2, !' 1%+' . '-. ' -' , 0' 07 !*$' -' $ 3' 5'660#0-$' !'-0+' '-' 5'660#0-$' $ 1-+' ; *$' $, 0' 6'-%!' #0+*!$' 1%+' 4*2, ' $, 0' +%40' '-' %!!

-' + 40' $ 1-+' $, 0' ! 2%$' -' 6' $, 0' +2, !' 1%+' 2, %-.05' 6# 4' 80%#' $ ' 80%#' ' +2, !, *+0+' $ ' %22 44 5%$0' '$' 10#0' ; *'!$' 6# 4' $'40' $' $'40' %-5' +2, !' 20-$0#+' # 5'+$#'2$+' 10#0' $, *+' .#%59 *%!!8' 0+$%; !'+, 05' -' $, 0#' $ 1-+' $, 0' +2, !' 4 705' %; *$' 0%2, ' 80%#' ; 0'-. ' , 0!5' '-' 0%2, ' 20-9 $0#' %$' 6'#+$' %-' %#; '$#%#8' -*4; 0#' 6' 1003+' %-5' !%$0#' % -*4; 0#' 6' 1003+' : # : #$' -%!' $ ' $, 0' %4 *-$' 6' +2, !' $%E' : %'5' ; 8' $, 0' 20-$0#' $, '+' !%$$0#' !0%5'-. ' $' $, 0' 6'-%!' %: : #$' -40-$' $' 0%2, ' 5'+$#'2$' ; 8' $, 0' $ 1-' 6' $, 0' 4 -08' : %'5' '-' +2, !' $%E0+' ; 8' 0%2, ' 20-$0#' #5'+$#'2$' 2, !, *+0+' 10#0' %!+ ' ; *'!$' '-' $, 0' 5'+$#'2$+' 6# 4' $' 40' $ ' $' 40

as in the case above, and the district school organization thus became fixed. Thus the parish, section, or road district gradually evolved into the school district as well, and district school officials, to take charge of the new district schools, were added to the other parish officers.

The evolution is traced in the articles on the several states, especially those on Connecticut and Massachusetts. The Massachusetts laws of 1642 and 1647, relating to the maintenance of schools by the towns, applied, but in 1805 the towns were empowered to subdivide into school districts; in 1827 district committees of one for each district were directed to be appointed by the towns; in 1829 the power to appoint was delegated to the districts, the district committees might consist of three residents, and these committees were given power to select teachers, provide board and fuel, and supervise the schools. Maine did not separate from Massachusetts until 1820, but the first school law of the new state definitely adopted the Massachusetts district system. In Rhode Island the district organization was begun



Apparatus and equipment of the district school as it was.

shortly after it was in Connecticut. The districts were known as "squadrons," and the district authorities were given entire control of their schools, schoolhouses, and school lands, the employment of teachers, and the management of the schools. In Vermont the first school law in 1782 empowered the towns to form districts and to elect trustees, who were to hold property, establish schools, and build schoolhouses. The towns were permitted to alter the boundaries of districts and to create new ones, but otherwise the districts were practically independent of the towns. The first New York school law of 1795 provided for town organization, with the supervision and direction of the schools placed under three to seven town school commissioners, elected by the people of the towns, and with two or more district trustees, elected by the people of the districts, who should confer and advise with the town school commissioners. This law expired by limitation in 1800, and on the revival of the school system in 1812 the district organization, with three

DISTRICT SYSTEM

trustees for each, was definitely established, and to these trustees was confided the care and the supervision of the schools of the district. By 1827 the district system had superseded the town system throughout New England, and was generally in use elsewhere.

New England settlers moving to what was then the West carried the district system with them. Though Congress, in the Ordinance of 1787, had paved the way for the township system, and though the earliest school laws in Indiana and Michigan provided for a township form of organization, the district system was soon adopted as better suited to the conditions and needs of the time. Ohio definitely adopted the district system in 1821, Illinois in 1825, Indiana in 1833, and Michigan in 1837, and the system gradually extended into the West and South, and is to-day common in the North Central and Western divisions. It was suited to the earlier conditions, when population was sparse, intercourse limited, communication difficult, and isolation the rule, and also to the earlier conception of the nature and purpose of education. Under modern conditions it is unsatisfactory, wasteful, and unintelligent in action, and in a number of states it has been modified in the interests of better educational administration. (See articles on CONSOLIDATION OF SCHOOLS; COUNTY SYSTEM; DIVISION SYSTEM; TOWN SYSTEM; TOWNSHIP SYSTEM.)

The struggle to control and to subordinate the district system has been a long and a bitter one. To some it has seemed that its curtailment or abolition meant the curtailment or abolition of all local liberty. Much patriotic eloquence has been poured forth in defense of the system, and natural centralizing tendencies have been pictured as striking at the very foundations of American life. As a system of school administration, though, the district system has gradually outlived its usefulness in all except remote regions, and almost everywhere its powers have been curtailed or modified by the creation of new supervisory agencies, and not infrequently it has been abolished, in whole or in large part, by the creation of the town, township, division, or county systems. The struggle began in 1853 in Massachusetts, but the old town system was not finally restored until 1882. In 1853 town school committees were empowered to abolish the districts, but in 1857 this law was repealed. In 1859 the district system was abolished throughout the state, but in the autumn of that year a special session of the legislature repealed the law. In 1869 the district system was again abolished, but in 1870 any town, by a two thirds vote, was permitted to return to the system. In 1882 the system was finally abolished throughout the state, after all the larger towns had voluntarily abandoned it, and since 1882 the town system of school management has everywhere prevailed. Connecticut began the process in 1865, but it was not completed until 1909, many of the smaller and

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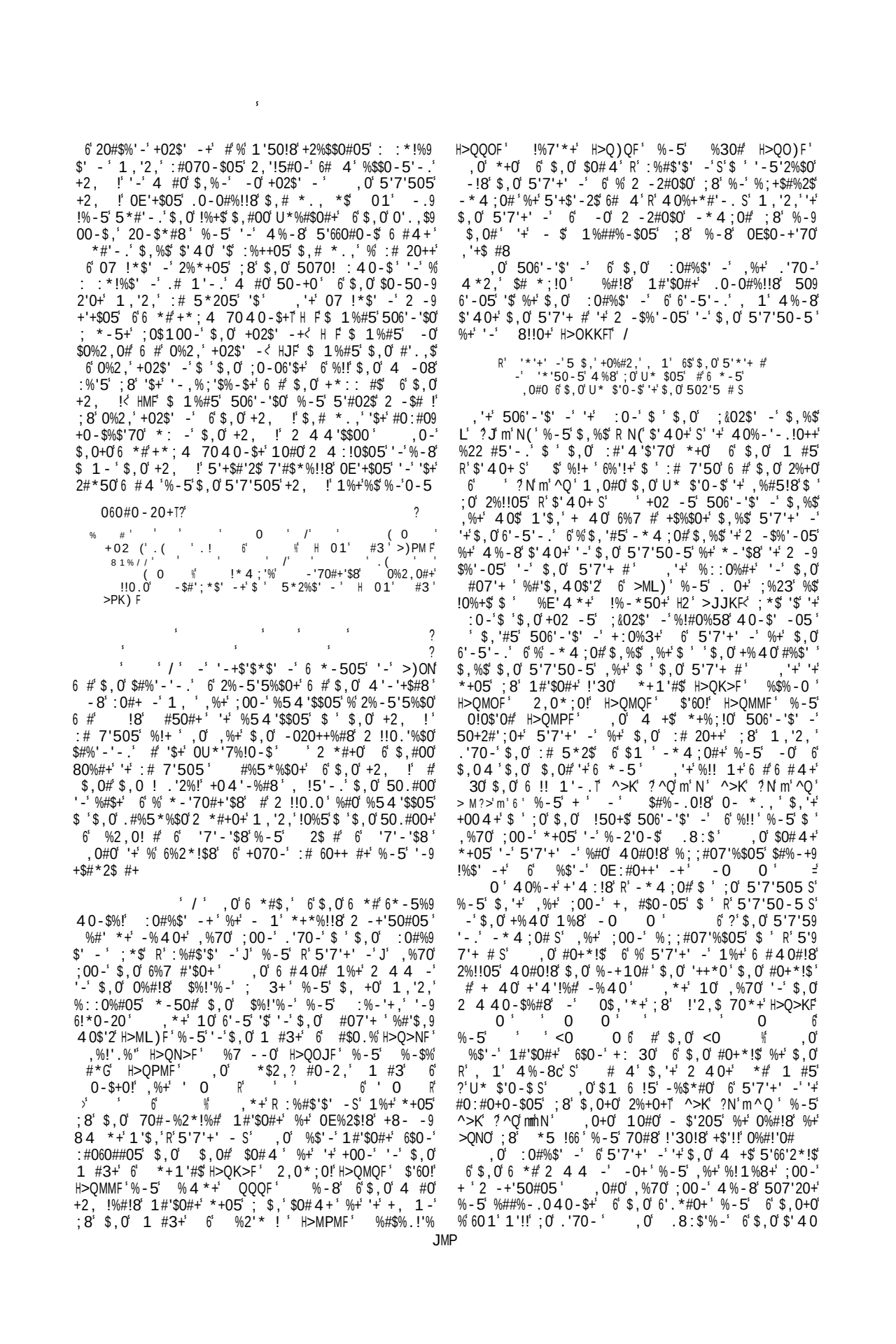

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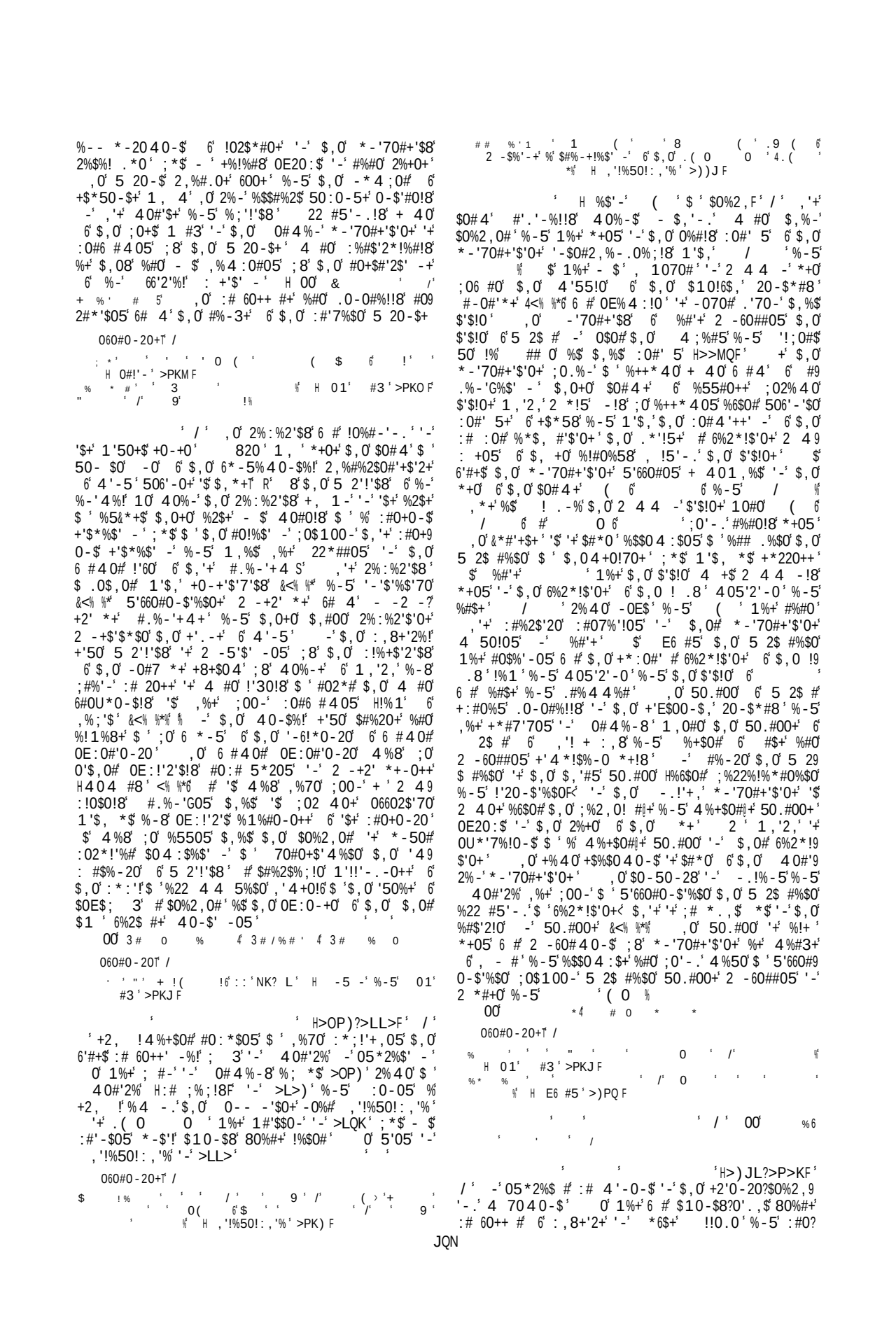
' ' ' /' ' +8+$0 4' 6' +2, !' #.%-'G%$' -' %+' 0E0 4 :!'6'05' '-' 0-$*238' Hc # F' 1,'2,' $,0' +2, !' 5'+$#'2$+' 6' 0%2,' 2 *-$8' %#0' .# *:05' '-$ ' % -*4 ;0# 6' 5'7'+' -+' H'-' 0-9 $*238' 6 *#' +'E' # 0'.,$F' %-5' $,0' +2, !+' 6' 0%2,' 5'7'+' -' %#0'2 -$# !!05' ;8' %' 5'7'+' -' ; %#5' -' $,0' 07 !*$' -' 6' % 20-$#%!'G05' +8+$0 4 ' $,0' 0-$*238' :!%-' '+' %' ,%!6 1%8' +$%.0' ;0$100-' $,0' 5'+$#'2$ +8+$0 4 ' 6' #3%-+%+' # %-+%+' %-5' $,0' 2 *-$8' +8+$0 4 ' 6' *'+'%-%' # ! #'5%' ' +'4 '!%# 6 #4' 6' #.%-'G%$' -' '+' $ ' ;0' 6 *-5' '-' 0--0++00' ' '

99 '@' ' 3,$.' ,3' %"+%(&/,+' * '/1' %#'+0+' $, # *. ,' $,0' 0E20++'70' +$' 4 *!%$' -' 6' $,0' +0 4 '2'#2*!%# 2%-%!+' ,0' +0 4 '2'#2*!%# 2%-%!+' %#0' % :%#$' 6' $,0' 0%#' '-' -' 1%8' 2 --02$05' 1'$,' $,0' 6*-2$' -' 6' ,0%#'-.' ;*$' 2 -+$'$*$'-.' #%$,0# $,0' #.%-' 6' 0U*'!';#%$' -' ,0-' $,'+' #.%-' '+' 0E20++'70!8' +$' 4 *!%$05' 0'$,0# $, # *. ,' :%$, ! .'2%!' 2 -5'$' -+' 1'$,'-' $,0' #.%-' # $, # *. ,' %' 7' !0-$' 4 7040-$' 6' $,0' ; 58' %+' % 1, !0' % :02*!'%# %-5' '-$0-+0' 6 #4' 6' +0-+%9 $' -' %#'+0+' 1,'2,' '+' 50+2#';05' ;8' $,0' $0#4' R' 5'GG'-0++ S

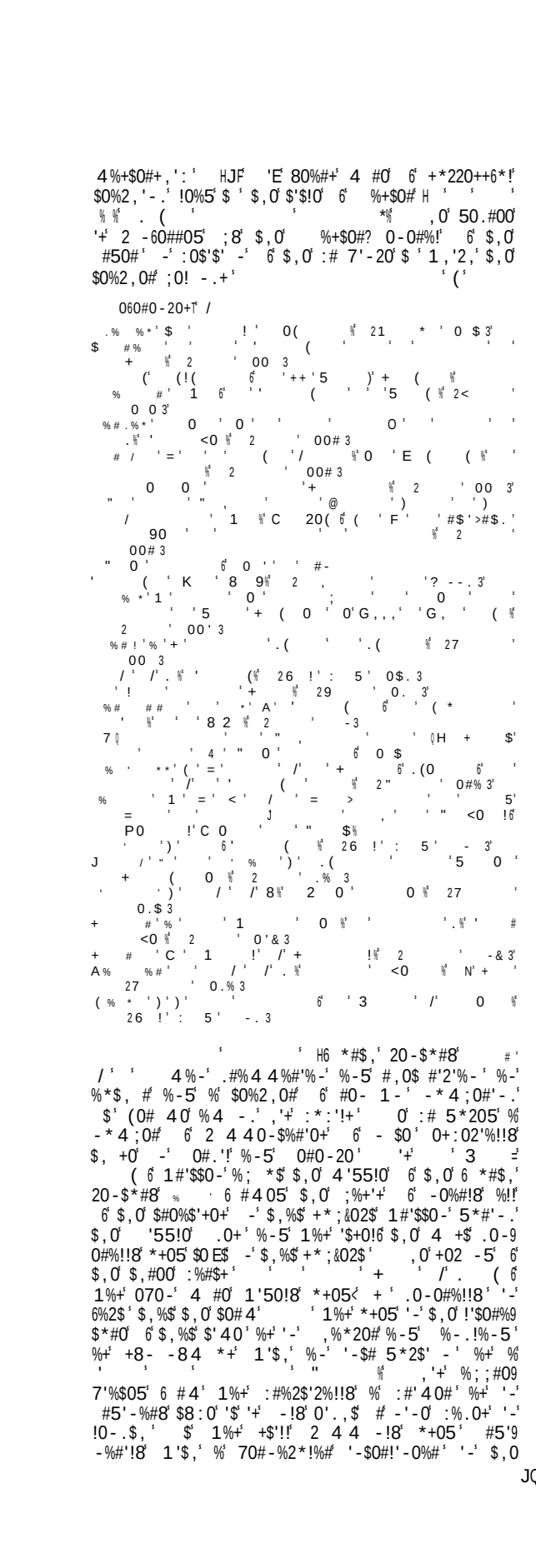
2 05*2%$' -%!' '-+$'$*$' -' 1,'2,' 1%+' $,0' *$9 .# 1$,' 6' $,0' #0$0' 2%5048' %' :#0:%#%$ #8' +2, !' #.%-'G05' '-' >)L>' %-0' !!0.0' $,0' 20-$0# 6' -.#0.%$' -%!'05*2%$' -''-' 0;#%+3% ,%+' 6 *#' $,0# %2%504'0+' '-' $,0' +$%$0' 6# 4' 1,'2,' '$' 5#%1+' +$*50-$+' ,0' . 70#-40-$' '+' 70+$05' '-'% +0!6?:0#:0$*%$'-.' %#5' 6' #*+$00+' 1, '+0#70'$,#00' 80%#+' ;*$'%#0'0!'.';!0'6 #'#00!029 $' -' $,#00' U*%#$0#+' 6' $,0' $10-$8?+070-' 4049 ;0#+' 6' $,'+' ; %#5' 4 *+$' ;0' 404;0#+' 6' -9 .#0.%$' -%!'2,*#2,0+' 0+'50+'$,0' *+*%!' *-50#9 .#%5*%$0' 2 *#+0+' %-5' $,0' %2%5048' 50:%#$9 40-$+' %#0' 4%'-$%'-05' '-' 4 *+'2' 0! 2*$' -' %-5' %#$' ,0#0' %#0' -'2 !!0.0'6#%$0#-'$'0+' # *-5+' ;*'!5'-.+' %-5' 0U*':40-$' 10#0' 7%!*05' H>PKOF' %$' ^>NL OMK' $,0' $ $%!'%--*%!''-2 40'+' ^N) K>J' ,0' %70#%.0' +%!%#8' 6' % :# 60++ #'+' ^PPK' ,0' '-+$#*2$'-.' +$%66' -*4 ;0#+' H>PKPF' $10-$8?+070-' '-2!*5'-.'$,0' $0%2,0#+' '-' $,0' %2%5048' 6' $,'+' -*4 ;0# +070-'%#0' 6*!!':# 60++ #+' ,0#0' 1%+' '-' >P>K?>P>>' %-'0-# !!40-$' 6' NML' +$*50-$+' '-' %!!' 50:%#$40-$+' '

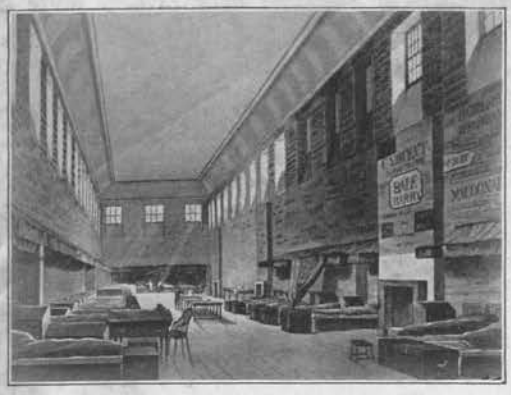
' /' '$0#%!!8' %' $0%2,0# #'-+$#*2$ # H %$'-' (*% -' $,'+' 2 *-$#8' $,0' $0#4' '+' 04:! 805' '-' ,'2%.' %-5' !%#3' -'70#+'$'0+' 1'$,' +:02'%!' 40%-'-.' $' ,'2%.' '$' #060#+' $ ' %' : +'$' -' ,'.,0# $,%-' $,%$' 6' 60!! 1' 1,'!0' %$!%#3' $,0' : +'$' -' 6' 5 20-$' '+' $,0' ,'.,0+$ %--*%!' %:: '-$40-$' %-' R' , - # #0+0#705' 6 # 40-'1, +0' 1 #3' ,%+' %!#0%58' 4%#305' %' 5'+$'-2$ %57%-20' ;08 -5' $,0' 5 2$ #%$0' %-5' 1, ' 1'+',' $ ' 0-.%.0' '-' #0+0%#2, S' ,0' $'40' 6' $,0' 5 9 20-$+' '+' 4%'-!8' 507 $05' $ ' +$*58' %-5' #0+0%#2, ' %!$, *. ,' $,08' %#0' %!+' 0E:02$05' $ ' 5 ' + 40' $0%2,'-.' , +0' 6 *-5' 1 #$,8' 4%8' ;0' .'70-' $,0' (' (6' '-' 1,'2,' 2%+0' $,0' : +'$' -' 4%8' ;0' +%'5' $ ' 2 ##0+: -5' $ ' % R' ;#070$' 2 !9 !0.'%$0' :# 60++ #+,':S

-' 0#4%-8' $,0' $0#4' '+' +8- -84 *+' 1'$,' + (6 # *-'70#+'$8' '-+$#*2$ # ;0! 1' $,0' #%-3' 6' :# 60++ #' ' ;02 40' %:#'7%$0' 5 20-$' %' 2%-5'5%$0' 4 *+$' ,%70' ;$%'-05' $,0' 5 2$ #%$0' %-5' :# 705',' '+' U*%!'6'2%$' -+' 6 # %2%504'2' 14#3' ;8' 1 2 0 6' 1,'2,' 2 -+'+$' 6' % +2'0-$'6'2' #0+0%#2, ' #%!' 0E%4'-%$' -' %-5' $#'%!' !02$*#0' ;06 #0' $,0' 6%2*!$8' '-' 1,'2,' $,0' 2%-5'5%$0' 50+'#0+' $ ' U*%!'68' +*%!!8' $,#00' 80%#+' 4 *+$' 0!%:+0' ;0$100-' .#%5*%$' -' %-5' #029 .-'$' -' ;8' $,0' *-'70#+'$8' %+' :#'7%$0' 5 20-$' ,0' : +'$' -' 2%##'0+' 1'$,' '$' $,0' (6' $,0' *+0' 6' *-'70#+'$8' # 4 +' 6 # !02$*#0+' %-5' %-



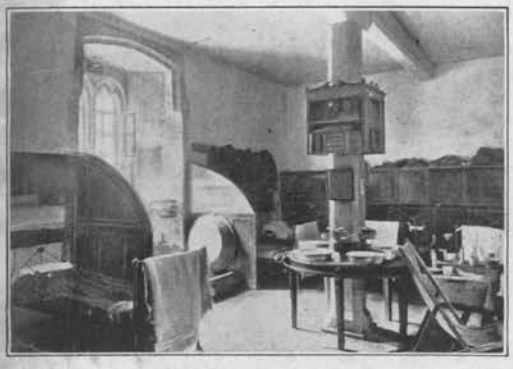
JQN





Wren's Dormitory : Westminster.

Cubicles : Charterhouse.



A Chamber : Winchester.

A Cottage : Eton.

Dalton Hall : Manchester University.
A Modern City Dormitory.

Street Front of Cottages : Eton.

TYPES OF DORMITORIES.

-070# 0E$0-505 %$ %-8 $'40 $ E6 #5 # %49 ;#'5.0

0#4%-8 / -0#4%- 5'+2*++' -6 $,0 +*;&02$ $,0 $0#4 + '#0+0#705 6 # 2 -5'$' -'-1,'2,$,0 6%4'!8 $\#:0 :#05 4'9 -%$0+ %-5 '$ 5 0+ - $' -2!*50 !'7'-.' %##%-.09 40-$+'-1,'2,$,0 6%4'!8!'60 '+! +$ '0$+2, '-%-%#$'2!0 - 0 '-2,4'5 (!(# 6 - $0+$,0 6 !! 1'-.'.# *:+ H F N = $ (/ H$1 +$*50-$+ '-% # "'-1,'2,$,08 1 #3 %-5 +!00:F HNF . 02 $ (/ H6 *# '-% 1 #3# 4 1'$,'%5& '-'-.' +!00:'-.' # 4+F HJF . $ (/ H$0- # $10!70 '-% 1 #3# 4 1'$,'$1 # $,#00 $'40+ %+ 4%-8 '-%5 #4'$ #8F -'+ 40 6 $,0 +$%$0+ 6 0#9 4%-8 %-8 +2,040 1,'2,50:%#$+ 6# 4 $,0 ;%##%23+6 #4 6 5 #4'$ #8 6 #; 8+'-'; %#5'-. +2, !+'+ 06602$'70!8 5'+2 *#%.05 ;8 $,0 . 70#-9 40-$%! %*$, #'$'0+ ,0 #0%+ -.'70-'+ $,%$ $,0 +$*50-$+ 1'!! ;02 40 *-6'$$05 6 # $,0 %22 44 5%$' -+ 6*#-'+,05 5*#'-.' $,0 $0#4 6 4'!'$%#8 +0#7'20

-'$05 $%$0+ / ,0 +$%$0 '-+$'$*$' -+'-$,'+2 *-$#8 ,%70 %$$04:$05 $ 300:6#00 6# 4 #0+: -+';!'$8 6 # $,0 !'7'-.' %22 44 5%$' -+ 6 # $,0'# +$*50-$+ ,'+,%+ ;00-5*0 '-!%#.0 :%#$ $''-%50U*%$0 :#7'+' -6 6*-5+ +*%!!8 1,0-5#4'$ #'0+,%70 ;00-:# 7'505 $,08 ,%70 50+20-505 6# 4'+ 40 0%#!'0# 6#4 6 $,0 +2, !* -50# :#'7%$0 2 -$# !' # ,%70 ;00-0+$%;!'+,05 %+ % #0+*!$ 6 + 40 +:02'%!' '-6!*0-20 ,0#0 ,%+;00-%.# 1'-.'$0-50-28 $ 0E0#2'+0.#0%$0# %*$, #'$8 70# +$*50-$+'-$,0+0 4%$$0#+ %+ % % #*!'-.' + 40$'40+6 *-5 $,%$.'#!+ 4*+$ - $ # 4'-, *+0+'-1,'2,- :# 7'+' -'+ 4%50 6 # #020'7'-.' 2%!!0#+' :%+4 5'2 066 #$+ %$ '-+:02$' -,%70 #070%!05 4 +$ %:%!!'-.' 2 -9 5'$' -+ $%30-%+% 4%$$0# 6 2 *#+0 %-5 $,0#0 '+%.# 1'-.'+0-+0 6#0+: -+';!'$8 626 400$'-.' -005+ 4 #0 %50U*%$0!8 ,0 -'70#+'$8 6 '+2 -+'-,%+% 506'-'$0: !'28 1,'2,'+2 4'-.' -$:0#%$' -%+ 6%+$ %+ 6*-5+ %#0 4%50 %7%'!9 %;!0 ,0 -'70#+'$8 6 '2,'.%-'$,# *.,'$+ 40-+ -'-'+ 4%3'-.' %;0.'--'-.''-$,0 2 -$# !' 6 +070#%!, *+0+ 6 # #0+'50-20 :*#: +0+' ,0 4 7040-$''-.0-0#%!' '+ $ 1%#5 4 #0 , 40!'30 2 -5'$' -+ 6$0-$,0#0 ,%+;00-% 6%'!*#0 $'$%30 %22 *-$ 6 $,0 066020 6 +070#%!80%#+ !'60 5*#'-.'$,0 .# 1'-.':0#' 5''-1,'2,$,0 :!%20 ;%+'+'+!%23'-.''-$,0 5070! :40-$ 6 $,0 '-+$'-2$+ 6 1-0#+,':'%+ 10!'%+ $,0# '4: #$%-$ $0-50-2'0+ ,0#0 '+% 4%#305 5'660#9 0-20 '-'$,0 07'50-20 6 20#$%'-''-$0#0+$+'%-5 %2$'7'$'0+'-'$,0 !'60 6 %; %#5'-.' +2, !; 8 1,',%+ + 40 :!%20 $ 2%!!',' 1-'%-5 %- $,0# 1,',%+ - $,'-.';*$ % ! 230# # % 5#%10# '-1,'2,'$ 20-$0# ,'+ 4%$0#'%! : ++0++' -+

0#' *+ 2#'$'2'+4 6 0E'+$'-.'2 -5'$' -+'-'-*# 2 !!0.0+,%+ 6$0-;00-4%50';*$6 #$,0 4 +$:%#$'$,0' -!8+0#' *+ %$$04:$ 5%#5 400$'-.' $,'+-005''-#020-$$'40+,%+ 6%!!0-$ '$,0 #003 !0$$0# 6#%$0#-'$'0+ % %*% ,0#0'$,0 6#%$0#-'$'0+ ,%70 ;00-+$# -.0+$' 5*#'-.' $,0 U*%#$0# 6 % 20-$*#8'-'1,'2,'$,08 ,%70 :# 7'505 , *+0+ # ! 5.0+'$,0' 2 !!0.0+ ,%70 20%+05 $ ';*!5 -01 5 #4'$ #'0+ ,*+ %$ 4,0#+$''-'>)LK 6'6$8? $,#00 :0# 20-$ 6 NNQ +$*50-$+ 10#0 '-5 #4'9 $ #'0+'-'>PKQ NM :0# 20-$ 6 MQQ 10#0 '-5 #4'$ #'0+%-5 MJ :0# 20-$'-6#%$0#-'$8 , *+0+ ,*+ $,0 %-+10#'-.' 6 $,0 :# ;!04 6 6'-5'-.' %$!0%+$ %:%#$'%! +*;+$'$*$0 6 # 2 !!0.0 , 40 !'60 ,%+ ;00-!06$!%#.0!8 $ $,0 +$*50-$+ ,0 6'-%-2'%! %+:02$+ 6 $,0 +$*50-$, *+'-.':# ;!04 %#0 70#8 '4: #$%-$ 1,0$,0# %$$04:$05 ;8 $,0 +$*50-$+ # 8 #0:#0+0-$+ %:0#4%-0-$ '-70+$40-$ 6 6# 4 ^QKK $ ^NKKK 6 # 070#8 +$*50-$, *+05 $,0# %+:02$+ 6 $,'+:# ;!04 %#0 5'+2*++05 *-50# $,0# +*;&02$+ 00 $ % # ' , ' 4 4 & % # *4 0% ' , *4

0 * *

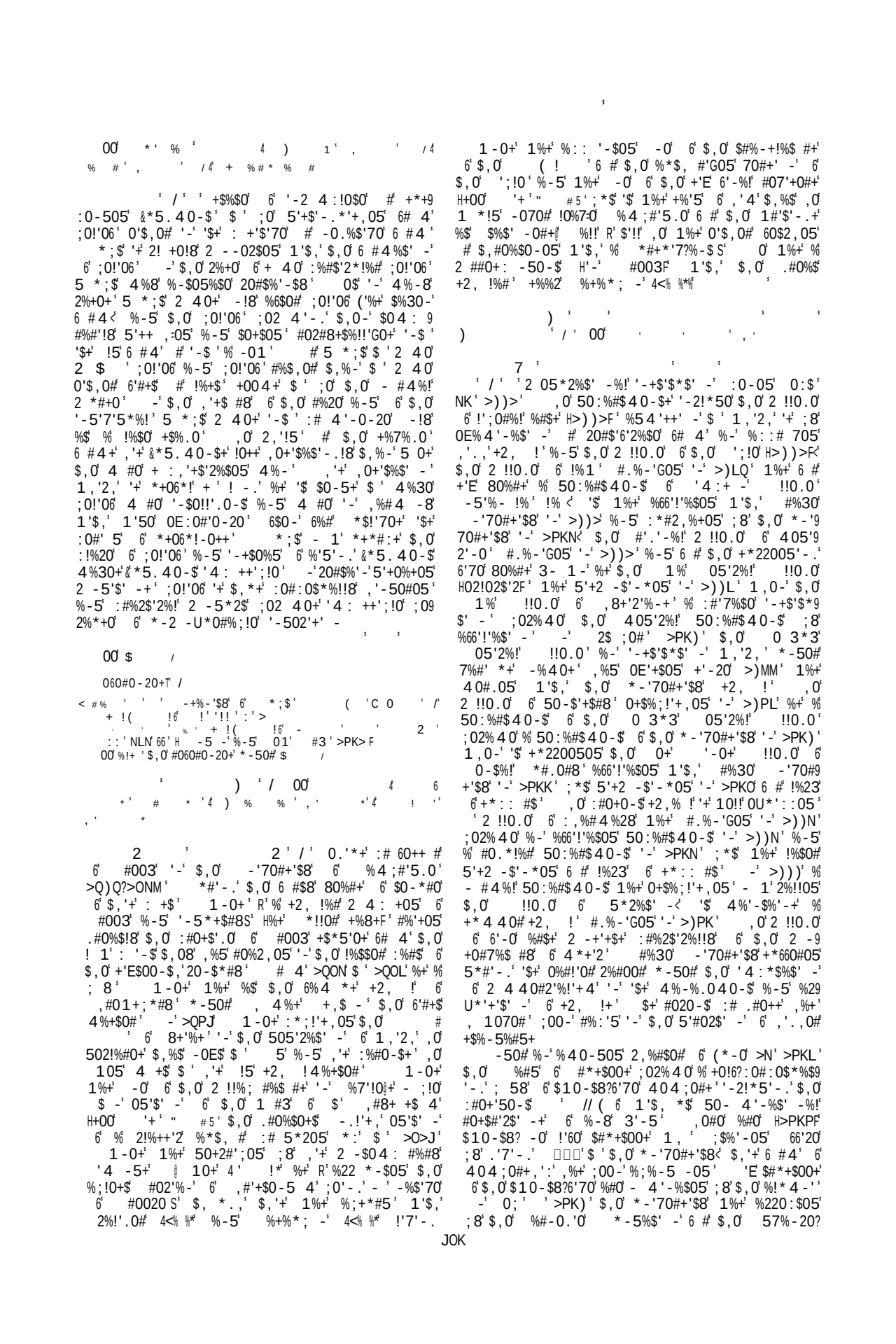
(' ' ' ' %# '&'%'

< J K

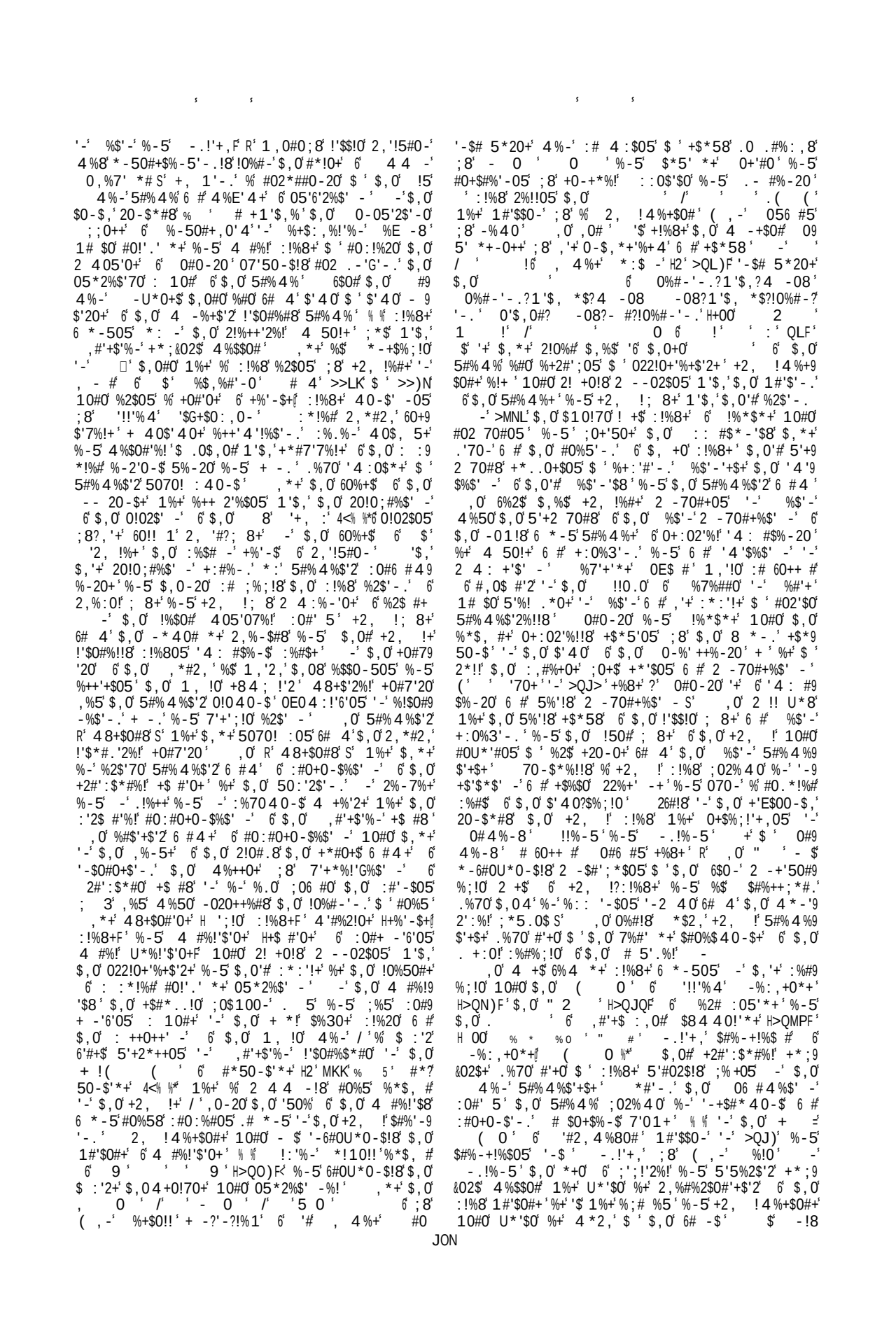
$ * ' % #' ' , 0 ' ' 0 ' .(% 26 !' : 5' H.3 '" = ; ' /' 0 ' '26 !' : 5' -- 3' *' 6$ ' ' ' (' + (R % ' ' ' ' , B + ' % ' (' ' (' ' "%' ' 9 ' 6 , ' 29 3' %# '7' * ' 4Q9 ' ' ' 4 ' ' ' 4 (' < ' ' ' 0 ' ' , Q ' = ;!9 T % < ##%#') ' / '1 ' ' 7 + *' (0 @ 6 (' F F F ' '$& #'DA ' ;!9 ('1 20(' ' 9% ' ' < / * #' '9 ' ' 4 ' ' 7 > , ' # ' ' ' P ' ' #' % ' ' ' . " ' /' ' .(0 6 '@ ' ! D ' +% ! ' % #' " '7 ' '1 * 'C , " 0 ' 0(6 ' - A%#' - * ' % *' ' , 0 0 ' 6 ' A ' ' H + ' C " ' ' + 6) '&-' -0' 2 ' ' < A 3

' ' / ' *-505 '-'>OJN ;8 *+$%7*+ 5 !:,*+ ;*$ 2! +05 *-50# $,0 #*!0 6 0$0# $,0 #0%$ 6 *++'% $ 1%+ #0+$ #05 '-'>)KN %-5 '-'>)KJ?>)KM ;02%40 -0 6 $,0 '4:0#'%! *-'70#+'$'0+ ,0 +$%$*$0+ %-5 #0.*!%$' -+,%70 ;00-#07'+05 +070#%! $'40+ $,0 !%+$ #07'+' -';0'-.''-'>))M -'>)PN $,0 66'2'%! $'$!0 ;02%40 $,0 4:0#'%! -'70#+'$8 6 (*#&07 %2*!$'0+ 6 $,0 !.8 !%1 405'2'-0 %#$+ %-5 +2'0-20+ %#0 4%'-9 $%'-05 ,0 '-+$#*2$' -'+ 2%##'05 -''-*++'%-%-5 0#4%- ,0 $ 1-',%+ % !%#.0 0#4%- : :*!%$' -%-5 $,0 *-'70#+'$8 '+ % +$# -., !5 6 0#4%-+2, !%#+,':''-'+%' $ -0 $'40 % 50:%#$40-$ 6 # $,0 $#%'-'-.' 6 :# 60++ #+ 1%+ 4%'-$%'-05 H 00 %#-%#5 .0 , 0(6 :')JP %#$6 #5 >)LJ F -'>PKP $,0#0 10#0 0-# !!05 N)>0 +$*50-$+ 6 1, 4 >NJJ 10#0 '-$,0 405'2%! 6%2*!$8

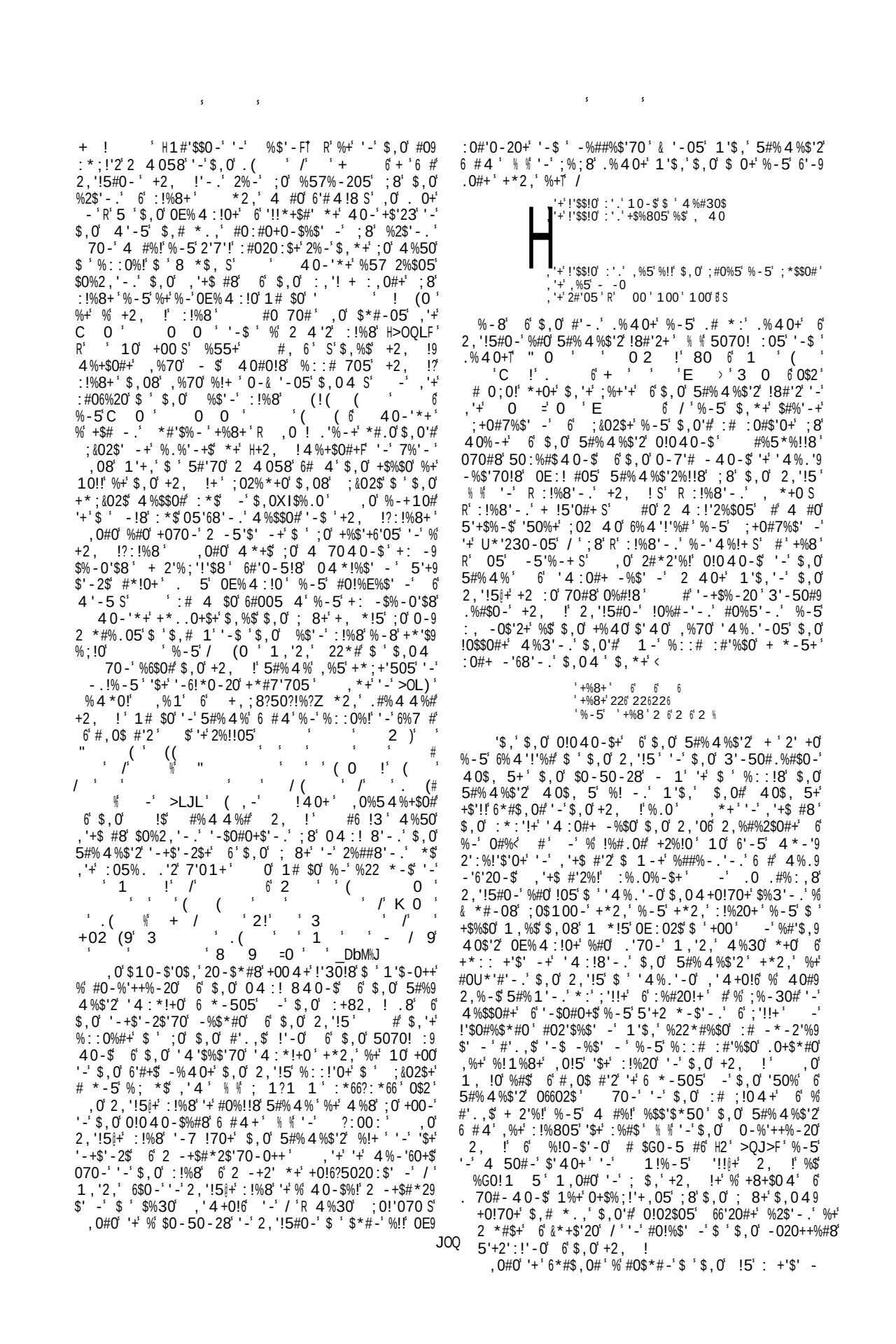
H>)NM?>)PJF / 5'+$'-.*'+,05 0#4%- +2, !4%-%-5 05*2%$' -%! 1#'$0# 6 $,0 0#? ;%#$'%- +2, ! #- '- 0!!+2,0'5 '- $,0 ,'-0 :# 7'-20 ,0 %$$0-505 $,0 $0%2,0#+04'-%#8 '- #+ %-5 ;02%40 '- >)QK $0%2,0# %-5 !%$0# -:#'-2':%! 6 +2, ! '-



JOK

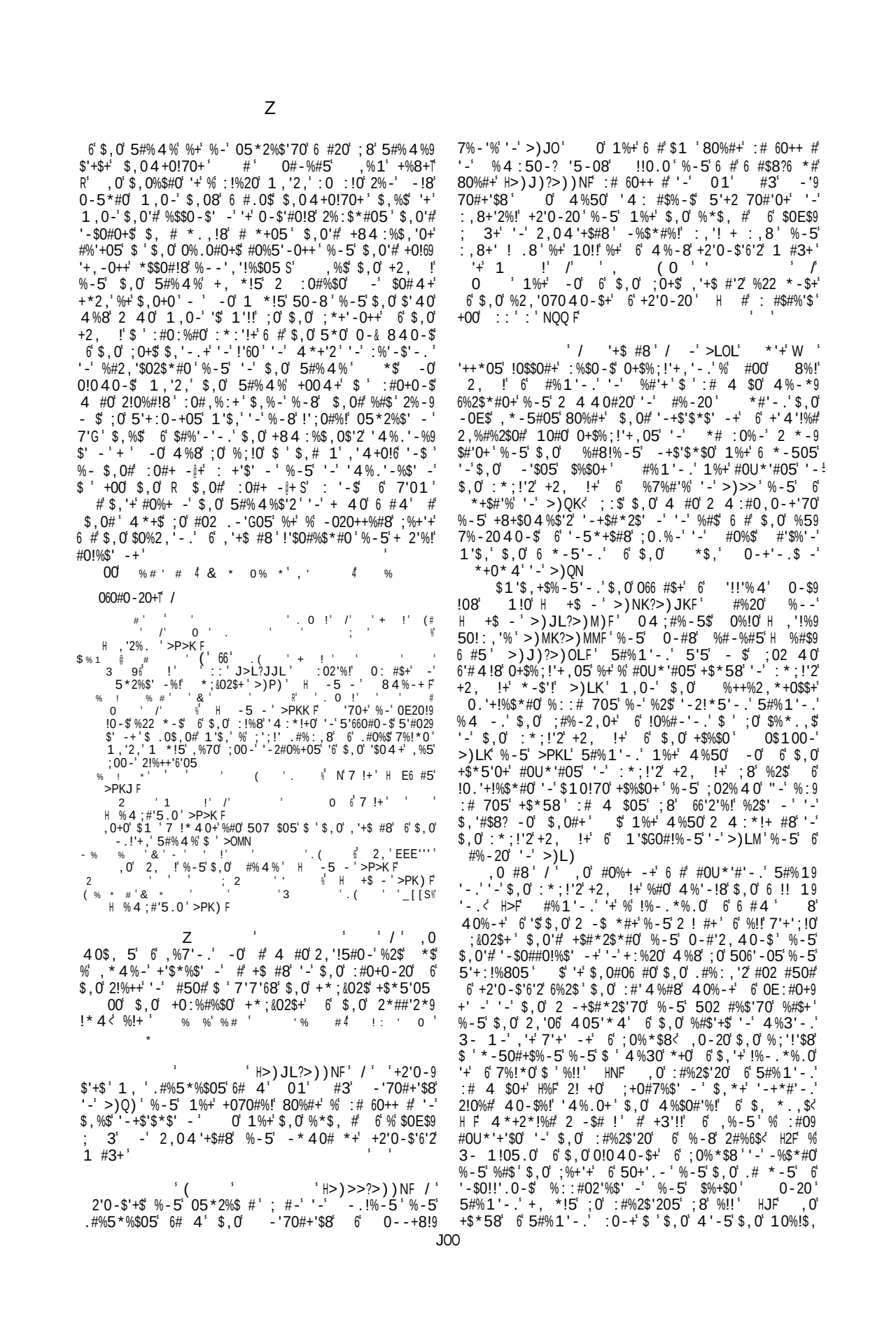


JON



JOQ

Z



6 , * 4%- $#0%+*#0 '- $,0 6 #4 6 %#2,'$02$*#0 +2*!:$*#0 :'-$'-. %-5'$,0 7%#' *+ ,%-5'2#%6$+ $,# * ., 1,'2, 4%- ,%+ 0E:#0++05 ,'+ '50%!+ %-5 %+:'#%$' -+ %-5 !0%5+ $ % 300-0# %::#02'%$' - 6 -%$*#0 %+ %- -+:'#%$' - $ %#$ $,*+ 7%+$!8? '-2#0%+'-. $,0 :!0%+*#0 %-5 $,0 +'.-'6'2%-20 6 !'60 $+, *!5 $,0#06 #0 ;0 6#00 $ %!!

#4R"1& (&&"$ / - 0#!'- 0#4%-8 %+ 0%#!8 %+ >)MM .0 40$#'2%! 5#%1'-. 5#%1'-. '- *$!'-0 6# 4 4 50!+ %-5 6#00,%-5 +30$2,'-. 10#0'-2!*505''-$,0 2 *#+0'-5#%1'-.< ;*$$,0 1 #3 *+*%!!8 5 -0 ;8 :*::'!+; $,''- *# :0%-5 '-$,0 -'$05 $%$0+ *-$'!%; *$ >))K'2 -+'+$05 2,'06!8 6 5#%1'-. .0 40$#'2 50+'.-+ 6# 4 5'2$%$' - 2 :8'-. 6#00,%-5 6# 4 $,0 6!%$ *$9 !'-0+ 6 ;&02$+ $,0 ! .'2%! #0+*!$%-$ 6 5#%1'-. %-5 $,0 $0+$ 6 '$+2,%#%2$0# -+02 -5%#8 +2, !+ $,0+0 $:'2+%#0 2 4 4 -!8 2!%++'6'05 %+ 6#00,%-5 5#%1'-. '-2!*5'-. + 40$,'-. 6 $,0 $,0 #8 6 :0#+:02$'70 %-5 $,0 ,'+$ #8 6 %#$< 402,%-'2%! 5#%1'-. '-2!*5'-. .0 40$#8 :# &02$' - 509 70! :40-$ %-5 %::!'2%$' -+ '- $,0 #0%!4 6 %#2,'$02$*#0 %-5 402,%-'2+< %-5 50+'.-'!-2!*59 '-. !0$$#'-. %5%:$%$' - 6 -%$*#%!6 #4+2 ! #9 '-. 0$2 1'$, %::!'2%$' -+ '- 5#0++ %-5 , *+0 6*#-'+,'-. ,0 *# :0%-2 *#+0+ ,%70 ;00-4 5'6'05 .#0%$!8 5*#'-. #020-$ 80%#+ $,# *., $,0 '-6!*0-20 6 40#'2%-' '50%!+

#$$"+& $(1&/1" e - 0 $ %/ # 4 $,0 *$+0$:*:'!+ %#0 0-2 *#%.05 $ 6*#-'+, $,0'# 1-+:02'40-+ $:#*-0 $,04 $:+0 $,04 6 # $,0 4 +$ 06!:02$'70 7'01 %-5 $ 5#%1 $!60 4 1'$, 2 ! #05 2#%8 - # 1%$0# 2 ! #' 5'#02$!8 1'$, *$ +30$2,'-. 6'#+$ '- :0-2'! $9 $0-$' -' '+ .'70-' +*220++'70!8 $ $,0 4%'-' !'-0+ 6 .# 1$,'$ $,0 ;#%-2,'-. $ $,0 #0!%$'70 :# 9 : #$' -+ 6 :%#$+' $ $,0 06602$+ 6 6 #0+, #$0-9 '-. %+ +00-' '-' !0%70+ %-5 6! 10#+' $ $,0 50$%'!+ 6 +$#*2$*#0 %$ $,0 & '-$+ '- !0%6 +2%#+ 0$2 %-5 !%+$!8 $ $,0 $ $%! ;0%*$8 6 06602$ $ 6'#+$ -!8 2,%#%2$0#'+$'2 ! 2%! 2 ! #'+ 2 -+'50#05 $,0-' $,0' -%$*#%!.#%5%$' -+ 6 2 ! #' %-5 !%+$!8 $,0 :!%8 6 !'.,$ %-5 +,%50 %-5 $,0 #0+*!$'-. 4 5'6'2%$' -+ 6 $,0 ! 2%! 2 ! # 4 :,%+'+ '+ !%'5 *: - $,0 %##%-.040-$ 6 $,0 5#%1'-. 1'$,'- '$+ 6#%40 %-5 *: - $,0 :0# +'G0 2 ! #' %-5 7%!*0 6 % 4 *-$ 6 # $,0 5#%1'-. ,0 -%$*#0 5#%1'-. $,# *., *$ '+ #0!%$05 $ $,0 -%$*#0 +$*58 %-5 6*#-'+,0+ 4 %$0#'%! 6 # *+0 '- 50+'.-

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2: (' $ 6 / - $,0 ! 10# .#%50+ $,'+ :,%+0 6 5#%1'-. '+ $,0 ! .'2%! *$2 40 6 6#00 '!!*+$#%$' - ,0 :*::'!+ ;0.'- $.'70 2! +0# %$$0-$' - $ $,0 6 #4+ 6 ;&02$+ $ $,0'# $ 8+ %-5 $,0# $,'-.+ 6 +:02'%! '-$0#0+$ $ 2,'!5#0- '-2!*5'-. :0$+ %-5 $,0 2 4 4 - ;'#5+ %-5 %-'9 4%!+ ,08 $,0- ;0.'- $ +$*58 2 4 4 - ;9 &02$+ 4 #0 2#'$'2%!!8 6'#+$ 6 # $,0'# :# :# #$' -+ %-5 2 -$ *#+ %+ #070%!05 '-+'!, *0$$0< $,0- %+ $ $,0'# %::%#0-$ +,%:0+ %+ +00- 6 #0+, #$0-05 %-5 $,0#1'+0 4 5'6'05 ;8 $,0'# :+'$' - '- #0!%$' - $ $,0 080 ,0 *+*%! #50# 6 5'66'9 2*!$'0+ $;0 4%+$0#05 '+ H%F $,0 #0:#0+0-$%$' - 6 + !'5'$8 %+ +00- '- +:,0#'2%! ;&02$+ H F 6 6 #0+, #$0-'-. %+ +00- '- ,04'+:,0#'2%! %-5 28!'-5#'2%! ;&02$+ H2F 6 2 -70#.0-20 %+ +00- '- #02$'!'-0%# ;&02$+ '- *:#'.,$:+'$' -+ H5F 6 6 #0+, #$0-'-. %-5 2 -70#.0-20 %+ +00- '- ;&02$+ 6 4'E05 2,%#%2$0# %-5 '-2 4 ;'-%$' - ,0+0 %#0 #0:#0+0-$05 6'#+$ '- 4%++ ;8 40%-+ 6 2 ! #05 2#%8 - %-5 ;#*+, %-5 !%+$0# '- *$!'-0 ;8 40%-+ 6 $,0 :0-2'! %-5 !%+$!8 '- !'.,$ %-5 +,%50 %-5 2 ! # ;8 40%-+ 6 2,%#2 %! %-5 1%$0# 2 ! # ,'+ 1 #3 40#.0+ 1'$,'!!*+$#%$' - %-5 $,0 $*58 6 :'2$ #'%! %#$ '- $,0 *:0#.#%50+ ' % / 0+'.-';0.'-+ '- $,0 ! 10+$.#%50+ 1'$, $,0 +$*58 6 2 ! # %-5 $,0 %::!'2%$' - 6 2 ! #'- :# 5*2'-. $,0 +'4 :!0+$ + #$+ 6 :%$$0#- %-5 1'$, $,0 :# :0#:!%2'-. 6 $,0 -%$*#0 5#%19 '-.+ 1'$,'- 4%#.'- !'-0+ %$0# +'4 :!0 -%$*#%! 6 #4+ %-'4%!+ ;'#5+ +02$+ !0%70+ %-5 6! 10#+ %#0 6#00!8 #0:0%$05 $ '6 #4 ; #50#+ %-5 +*#6%20 :%$$0#-+ 6 # +2, ! :%:0#+ 0$2 ,0 +$*58 6 $,0 :#'-2':!0+ 6 50+'.- #,8$, 4 ;%!9 %-20 %-5 ,%#4 -8 ; $,''-6 #4 %-5 2 ! # ;09 .'-+ '- $,0 '-$0#4 05'%$0 .#%50+ %-5 2 -$'-*0+ $,# *., *$ $,0 ,'.,+2, !< %!! $,0 50+'.-+ :# 5*205 ;0'-. 0'$,0# %;+$#%2$ H%+ '!!*+$#%$' -+ 6 :#'-2':!0+F # %::!'05 '-2 4 4 - ;&02$+ 6 '-$0#0+$ $ $,0 :*:'!+ $,04+0!70+ ,0 %::!'2%9 $' -+ '-7 !70 + 40 3- 1!05.0 6 +*2, :# 20++0+ %+ 10%7'-. 04;# '50#8 +$0-2'!'-. ;! 23 :#'-$9 '-. !0%$,0# 1 #3'-. $,0 2*$$'-. %-5 4%-':*9 !%$' - 6 +,00$ 40$%! %-5 $,0 %5%:$%$' - 6? :!%-$ %-5 $,0# 6 #4+ $.'70-2 -5'$' -+ $%-5%#5+ 6 0E20!!0-20 '- 50+'.-'%#0 6 *-5 '- ,'+$ #'2 %-5 4 50#-0E%4:!0+ 6 ,%-5'2#%6$,0+0 %#0 +$*5'05 2#'$'2%!!8 '- $,0 !'.,$ 6 $,0 :#'-2':!0+ 6 50+'.- H 00 * # 5

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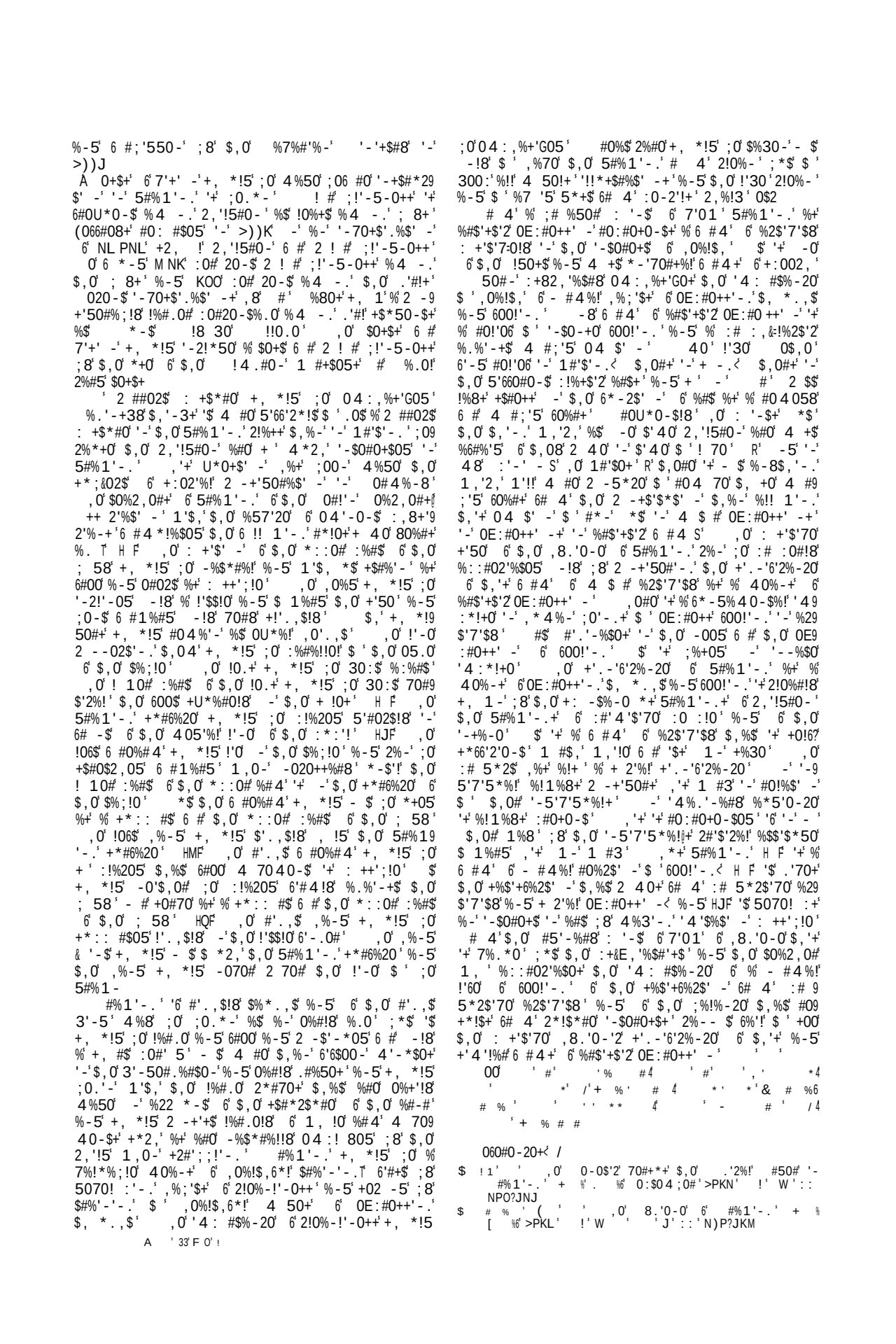

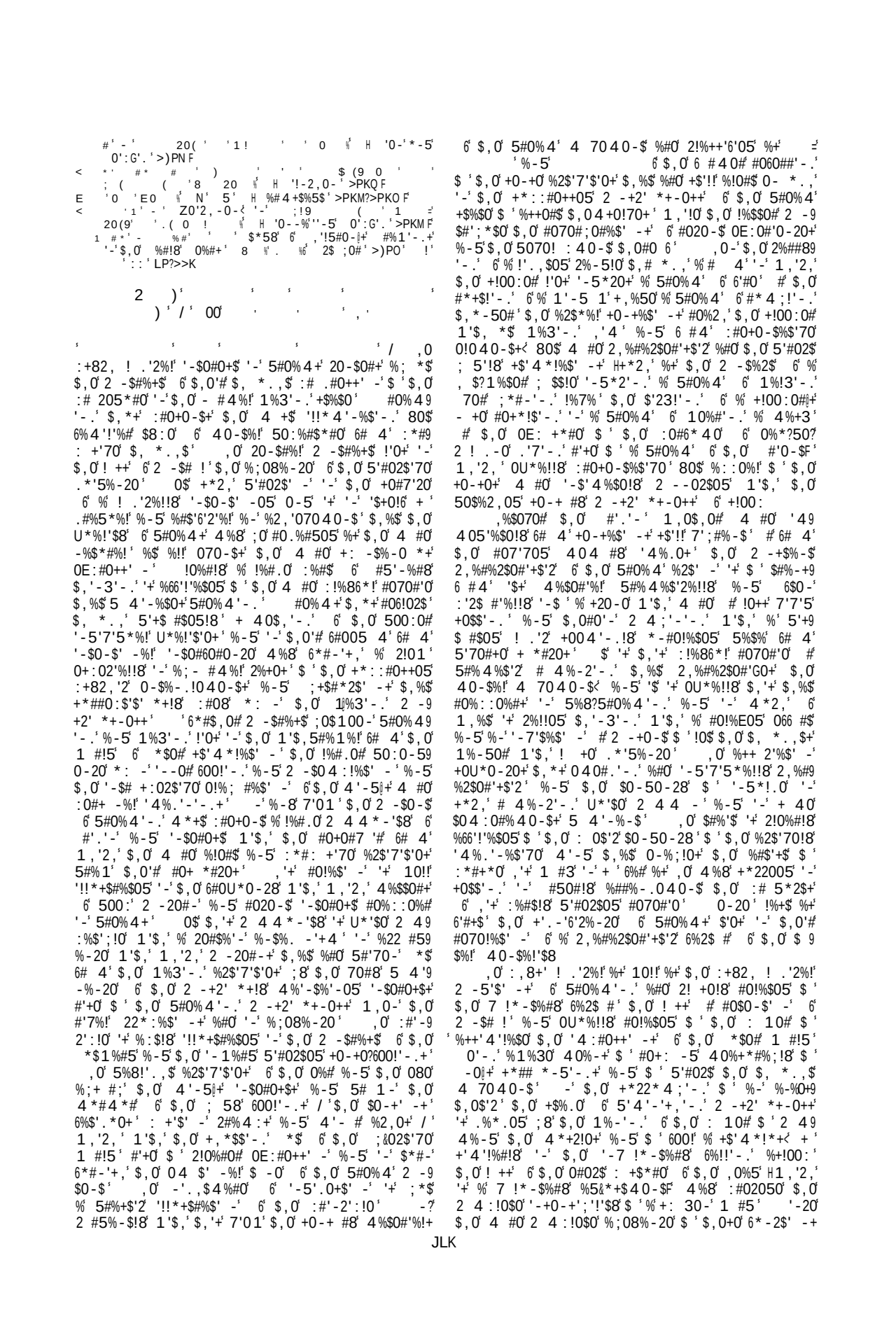

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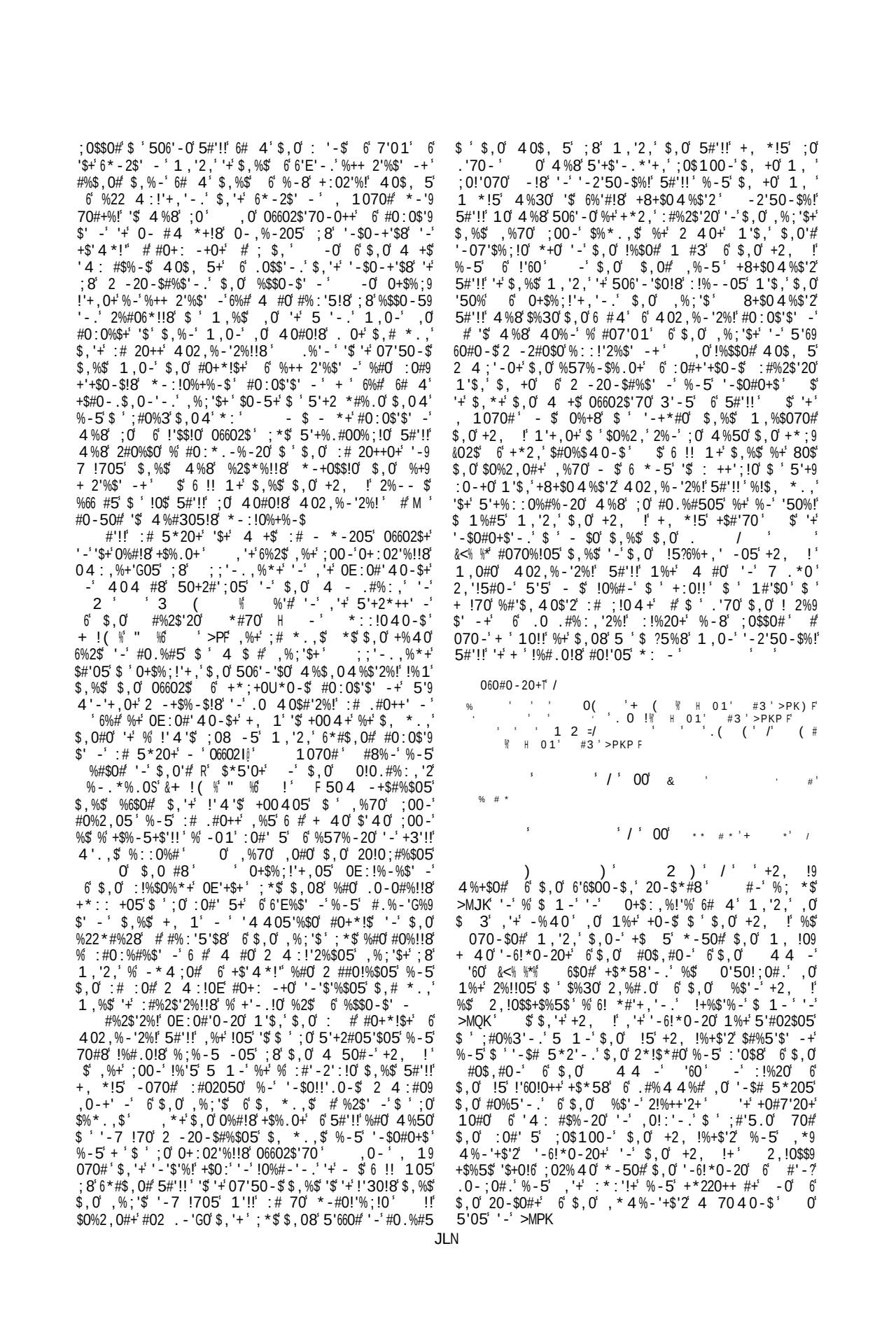

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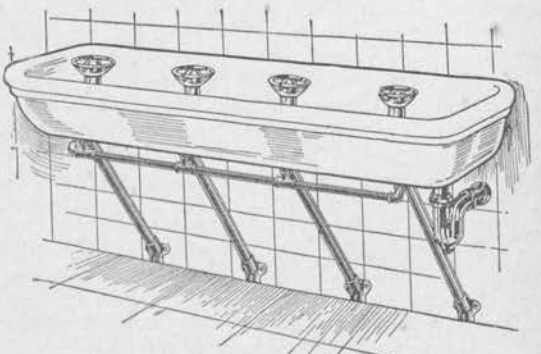
GENY, J. Das Schulwesen Schlettstadts bis zum Jahre 1789. In *Mitt. der Gesellschaft für deutsche Erziehungs- und Schulgeschiche* Vol. xi, pp. 315, sq. (Berlin, 1905.)

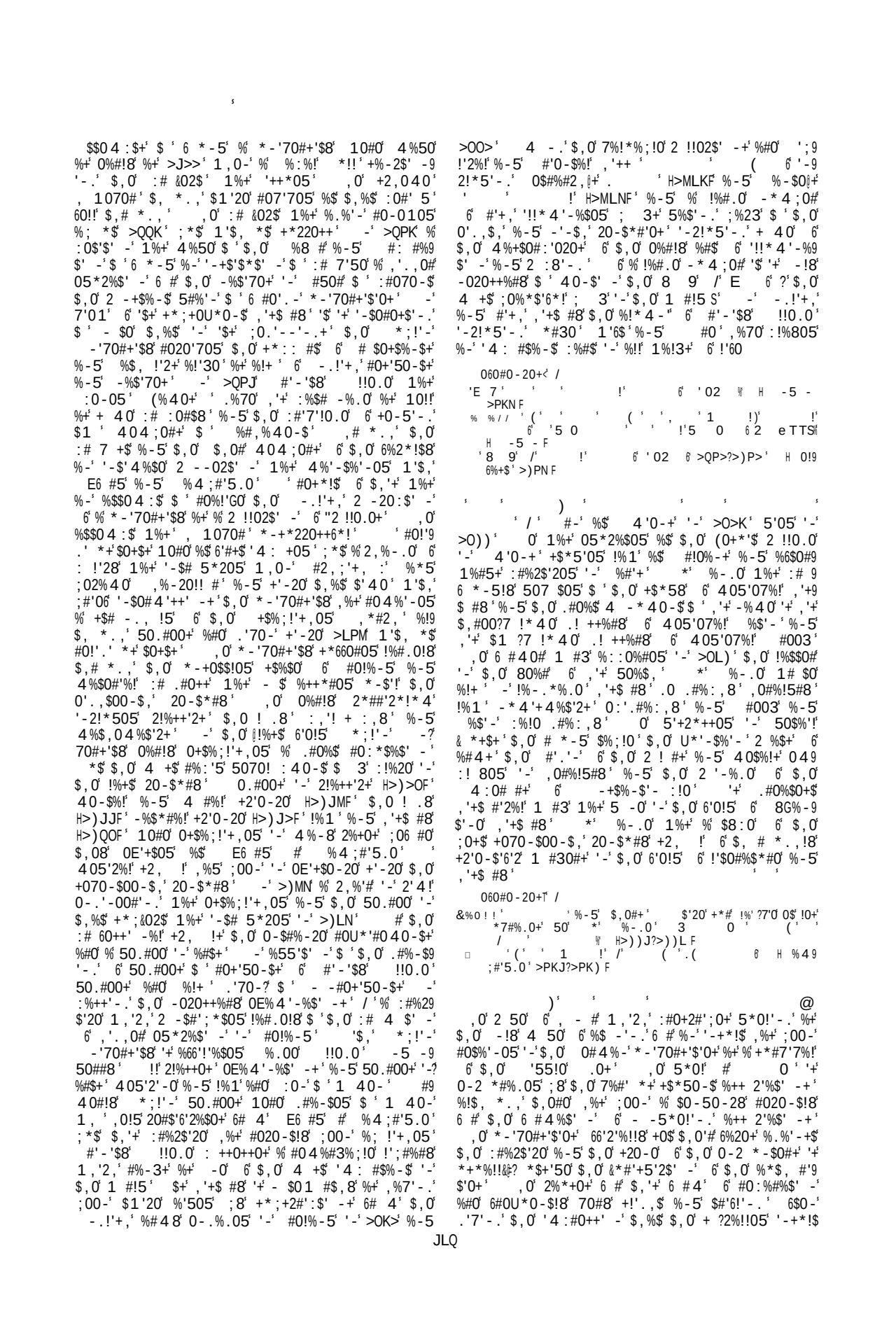
KNOD, G. *Aus der Bibliothek des Beatus Rhenanus.* (Leipzig, 1889.)

DRINKING FOUNTAINS. — Where pure water under pressure is furnished to schoolhouses, there is no longer any excuse for drinking cups, and all the trouble, loathing, and possible contagion incident to common drinking vessels. Drinking fountains, when properly made, save time, prevent the careless use of water in or out of buildings, and best of all insure perfect cleanliness. The principle involved in the construction of all forms of drinking fountains consists in furnishing an opportunity for a child to drink from a stream of water bubbling up directly from the supply pipe and at the same time insuring that the mouth of the drinker does not come in contact with any part of the fixtures or that the water not swallowed cannot fall back to pollute the rising stream of pure water. A fountain must also meet certain other requirements. The stream must be steady, must be large enough to supply sufficient water for ordinarily rapid drinking, must mount at least two inches above any part of the bubbling cup, must offer as little chance as possible for mischievous children to " squirt " each other, and must be as economical of water as legitimate demands will permit. The material of which they are made should be such that they can be easily kept clean and perfectly sanitary. A good quality of white well-glazed porcelain is perhaps the best material used. Metal or marble is hard to keep clean or free from rusts or stains. The nozzle of the service pipe should be nickled or in some better way rendered completely rustproof. All exposed parts should be strong, and provision should be made to prevent clogging of the catch basin, so that the unused water will disappear at once. Children take a peculiar delight in dabbling in water, and this universal and almost resistless craving will assert itself and cause trouble unless the construction of the fountain is such as to make this practically impossible. The cuts here reproduced represent two forms of fountains which, when properly set, are thoroughly sanitary. Doubtless there are others equally perfect.

Single fountains can be distributed throughout a school building as demands dictate; but as far as possible they should not obstruct the halls, and yet should be visible from the halls. Special alcoves or niches should be arranged for them. In addition to those on the main floors, there should be " batteries " of them in the basement or in some inclosed place near the playground. There is always a rush for a drink after play, and many pupils must be supplied quickly. The accompanying cut shows a provision to supply this demand. The exorbitant price which prevails for such appliances has prevented their almost universal use where pure running water is to be had. It is, however, entirely possible for any plumber to arrange a less expensive series of fountains for a playground or a basement. A series of short pieces of water pipes set at right angles to a main feed pipe about thirty inches apart and extending over a common waste water trough can be made into fairly satisfactory fountains at very little expense. One of the simplest methods of preparing these is to cover them with a close-fitting nickled covering close the outer end with a cap and drill a hole on the upper side a few inches from the cap. By the use of a valve which can be adjusted to suit the pressure, and one to turn the water on and off as needed, a series of jets can be made to bubble up so that almost perfect sanitary conditions may prevail. Care and a bit of experimenting will be necessary in order to adjust the size of the holes, and the valves to the pressure of the water. Of course this arrangement will not be so neat, neither will it be so completely satisfactory as the one shown in the illustration, but many so made have proved quite satisfactory. Every modern school should be supplied with drinking fountains for the sake both of decency and safety. F. B. D.



DRISLER, HENRY (1818–1897). — Head of the department of Greek in Columbia University for many years, and the editor of Harper's classical series and several Greek lexicons, was graduated at Columbia in 1839. For four years he was instructor in the gram-



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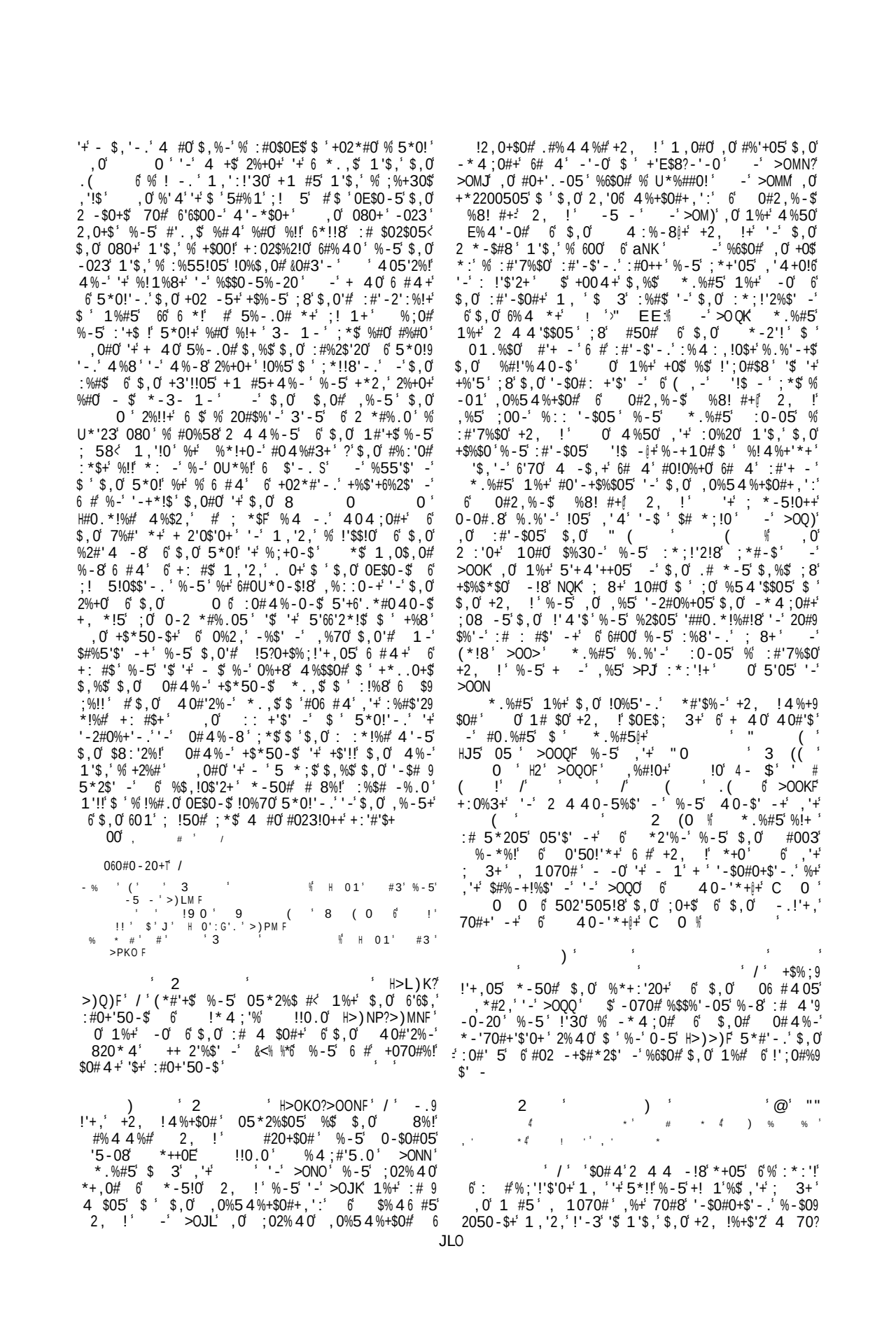

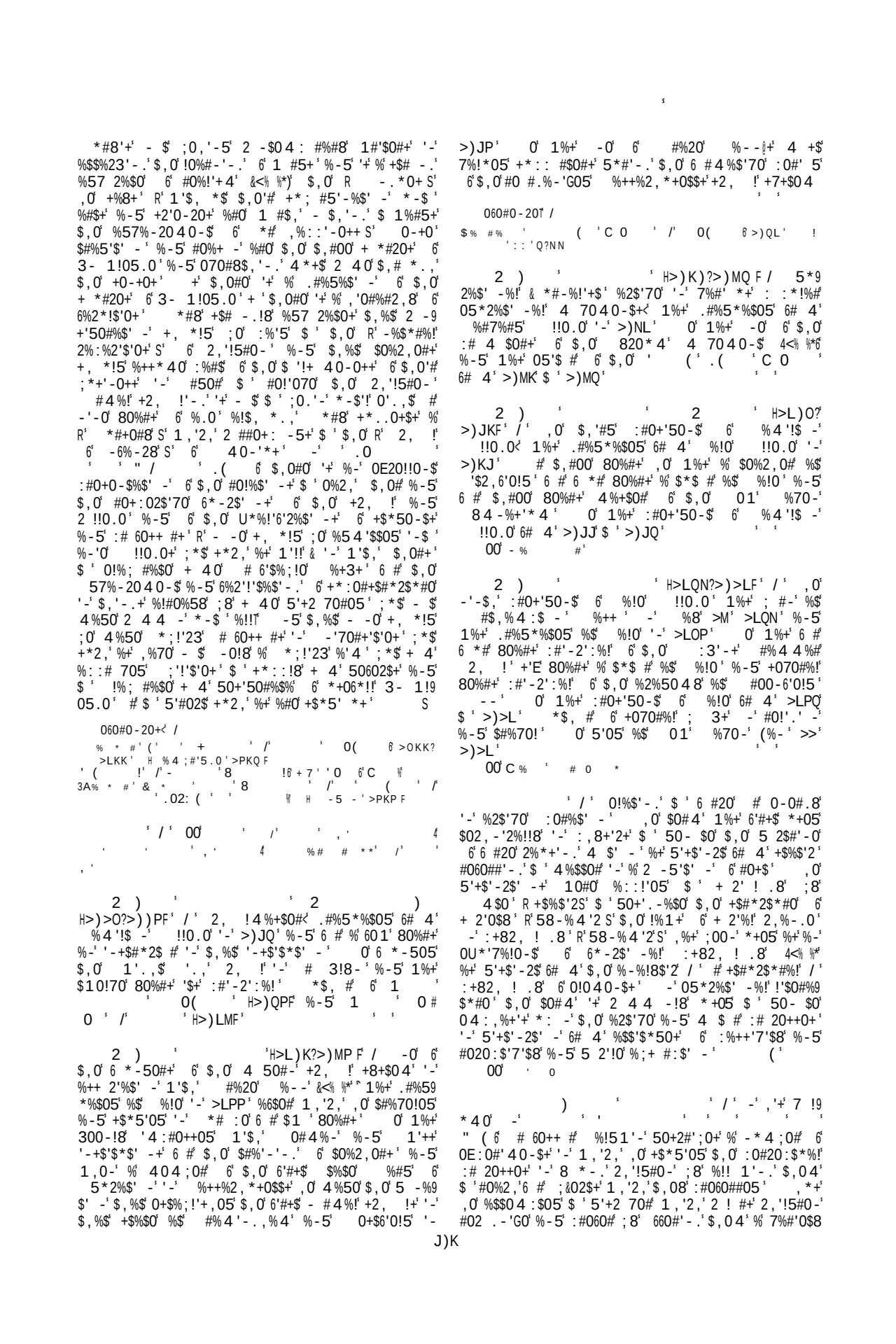

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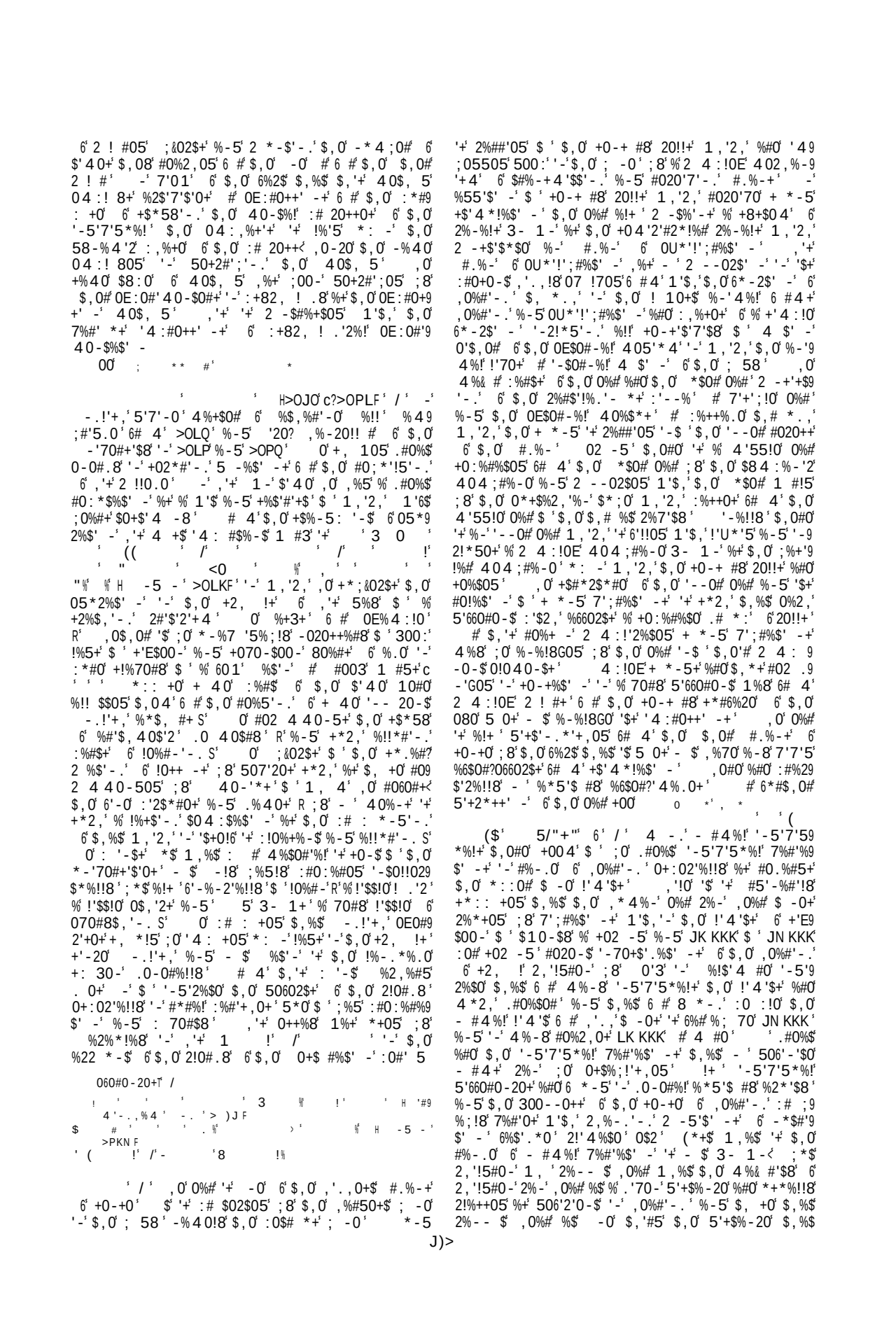

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'+0%+0+ 6 $,0 0%# %#0 2 4 4 - % 4 - 2,'!5#0- ,0 50%6-0++ $,%$ '+ %:$ $ #0+*!$ '+ % 50602$ $,%$ 0+:02'%!!8 2 -20#-+ +2, ! ,89 .'0-0 ,0 #0+*!$+ 6 '-70+$'.%$' -+ 7%#8 .#0%$!8 ;*$ $0+$+ 6 ,0%#'-.' '-' $, *+%-5+ 6 +2, !+ ,%70 +, 1-' $,%$ 6# 4 $0-' $?$,'#$8 :0# 20-$ 6 %!!# +2, ! 2,'!5#0-' %#0 !'30!8$,%70 + 4 0 50602$ 6 ,0%#'-.' '- -0 # ; $, 0%#+ ,'+'+ %+0#' *+,%-5'2%:'-+2, ! 1 #3 ,'!9 5#0- :%#$'%!!8 50%6 4%8 ,0%# 6 # % $'4 0 '- % 5'2$%$' -'!0++ - #$,0!'30 $,0-'6%!'$,0%# %-5 $,*+ 4'+*-50#+$%-5 %-5 %#0 ;!%405 ;8'$,0'# $0%2,0#+ 6 # 5*!!-0++ # :0#70#+0-0++ %-5 070-' 1,0-'+*2,'2,'!5#0- ,0%# $,0 +$#%'- *: - %$$0-$' -'-'!'+$0-'-.' 4%8 ;0 % +0#' *+ 4%$$0# 3- 1!05.0 6 $,0 2 -5'$' - 6 % :*:'!# ,0%#'-.' '+ '4 : #$%-$ 6 # $,0 $0%2,0#< %-5 6 # $,0 +%30 6 :05%. .8 %+ 10!! %+ 6 # ,8.'0-0 %--*%! $0+$+ 6 ,0%#'-.' %#0 50+'#%;!0

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4 %.' $,0 2%*+0+ 6 50602$+ 6 ,0%#'-.' $,0 6 !! 1'-.' ,%70 ;00-' 5'+$'-.*'+,05 %50- '5 .# 1$,+' $,0 7%#' *+ 2 -$%.' *+ 5'+0%+0+ 0+:02'%!!8 40%+!0+ +2%#!0$ 6070# %-5 5':,$,0#'% %!+ +2# 6*!% 2 !5+ :*!!'-.' 6 $,0 0%# 4*+2!0+ 2%#0!0++ 40$, 5+ 6 #04 7'-.' ;&02$+ 6# 4 $,0 0%# 7' !0-$+ *-5+ 6 2%-- - # $,0 !'30 %-5 2%#0!0++-0++ '-' $,0 ,8.'0-0 6 $,0 - +0 ,0 4 +$ 6#0U*0-$ 2%*+0+ %#0 '-602$' *+ 5'+0%+0+ %-5 5'+0%+0+ 6 $,0 - +0 ,0 6 #40# 2%*+0 50%6-0++ :# ;%;!8 ;02%*+0 '-' $,0+0 5'+0%+0+ 4'2# #.%-'+4+5070! :''-'.#0%$ -*4;0#+ -'$,0 4*2 *+ 404;#%-0 6 $,0 - +0 %-5 %#0 0%+'!8 2%##'05 ;8 $,0 *+$%2,'%-'$*;0+ $ $,0 4'55!0 0%#

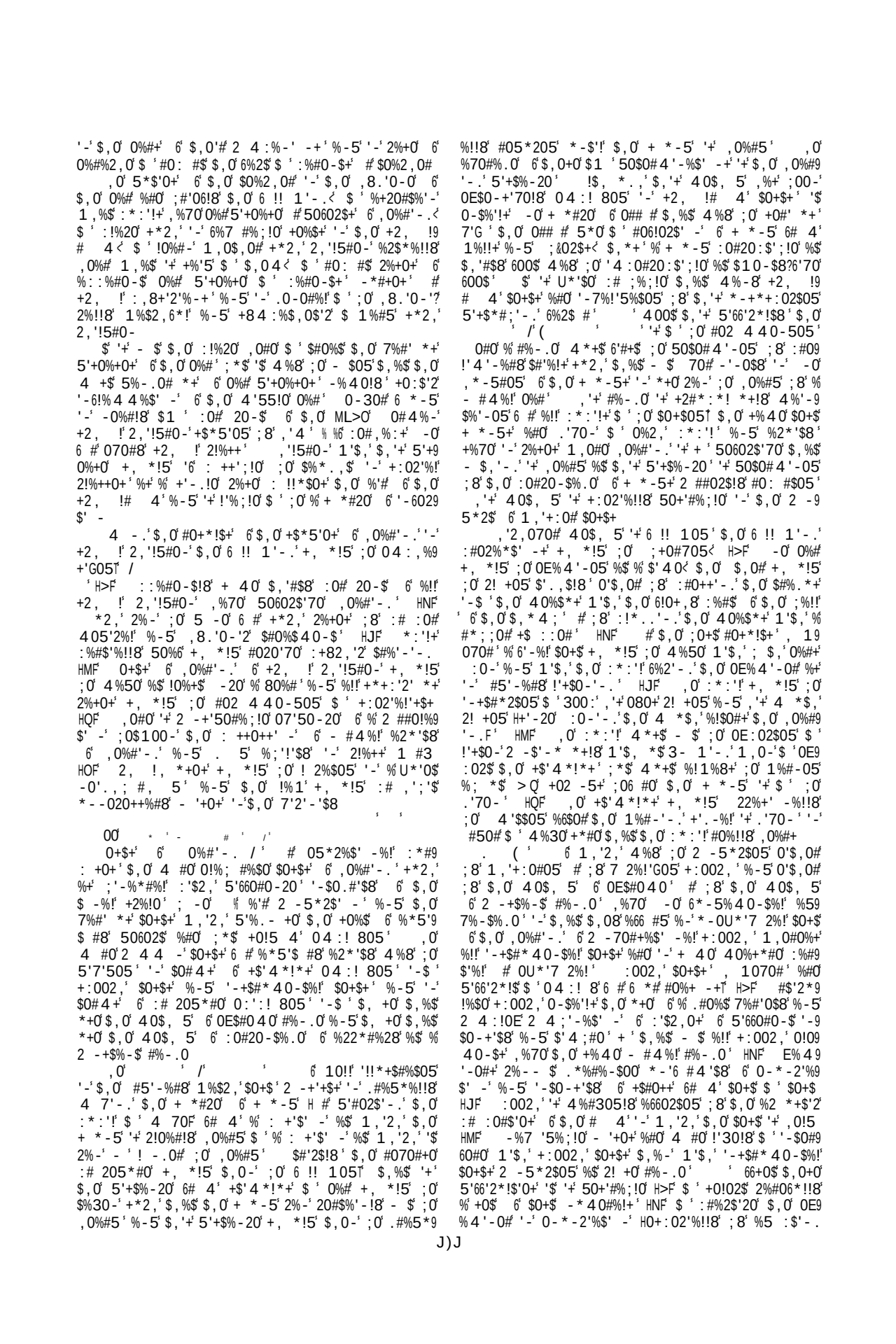
40 2%+0+ 6 :+82,'2 50%6-0++ %#0 6 *-5 %-5 % 20#$%'-'50.#00 6 :+82,'2 50%6-0++ '+ - $ *-9 2 4 4 - ,0 6%2$+ %#0 '-$0#0+$'-.' %-5 '-9 +$#*2$'70 $ $,0 ,8.'0-'+$ - ,0%#'-.' %+ '-' $,0# 6 #4+ 6 +0-+0 :0#20:$' - $,0#0 %#0 $1 6%2$ #+ -0 +*;&02$'70 -0 ;&02$'70 $, %#0 -020++%#8 ,0 + *-5$ $;0 :0#20'705 4*+$;0 %# *+05 '-$,0 4'-5 %+ 10!! %+ +$#'30 $,0 0%# 6# 4'1'$, *$ -'2%! $0# 4+'$,0 4 +$;0 :#0:0#20:$' -' %+ 10!! %+ $,0 0E$0#-%!+$'4*9 !*+ 0%6-0++ 4%8 #0+*!$ 6# 4 ! ++ # +0#' *+ 50602$' '-'0'$,0# 6%2$ # ,*+ '$ 2 40+ $:%++ $,%$ 10 6'-5 $1 3'-5+ 6 50%6-0++ -%40!8 :,8+'2%!50%6-0++%-5 :+82,'2 50%6-0++

$%! #:%#$'%! 50%6-0++ 6# 4 !%23 6 :#0:0#9 20:$' -'+ 4 #0 2 4 4 -'$,0 -0 1 *!5 -%$*#9 %!!8 +*:: +0 ,0 2,'!5#0- 6 50%6 %-5 5*4;' :%#0-$+ 1,0$,0#$,0'# 0%#+ %#0 50602$'70 # - $ %#0 !'%;!0 $;0 50%6 *-!0++ $,08 %#0 +0-$ %1%8 6# 4 , 40 # #020'70 +:02'%! '-+$#*2$' - ;09 2%*+0 $,0 :+82,'2 6%2$ # '+ - $!'30!8 $;0 509 70! :05 # :0# ,%;'$+ 6 :#0:0#20:$' - %#0 - $ %2U*'#05 *-!0++ 2,'!5#0-' ,%70 $,0 +$'4*!' 6# 4 $,0 2 -70#+%$' - 6 $,0'# 2 4 :%-' -+ - 2,'!5#0-' 1, %#0 :%#$'%!!8 50%6 1,0#0 $,0 50602$' 22*##05 '-'0%#!8 2,'!5, 5 + $,%$ 2 -9 70#+%$' -' 1%+ '4 :0#602$!8 ,0%#5 $,0 50602$'70 ,0%#'-.' '+ !'30!8 $;0 '-' !%#.0 :%#$ 5*0 $:+82,'2 50602$

'-20 50%6-0++ 4%8 #0+*!$ 6# 4 50602$ 0'$,0# '-' $,0 40-$%! 6%2$ # #'-' $,0 :,8+'2%! #.%- + %!+ '4:# 7040-$ 4%8 ;0.'-' 1'$, 0'$,0# 6%2$ # 04%#3;!0 #0+*!$+ 4%8 ;0 :# 5*205 ;8 $#%'-'-.''-'2%+0+ 6 :+82,'2 50%6-0++ %+0+ ,%70 ;00-' #0: #$05 1,0#0 2,'!5#0-' %::%#0-$!8 $ $%!!8 50%6 ,%70 ;00-' $%*.,$ $,0%# !+ 1,0#0 $,0#0 '+ % :%#$'%! 50602$ 6 ,0%#'-.' $,0 -005 6%2 *+$'2 $#%'-'-.''+0+:02'%!!8 .#0%$

 -*4;0# 6 '4 : #$%-$: '-$+ 1,'2, ;0%# *: -' $,0 ,8.'0-0 6 $,0 0%# 4%8 ;0 ;#'06!8 0-*40#%$05 -' $,0 6'#+$:!%20 :#'4 $'70 :0 :!0 %::%#0-$!8 ,%70 - ;0$$0# ,0%#'-.' $,%-' 2'7'!'G05 :0 :!0 '-' +:'$0 6 #5'-%#8 : :*!%# :'-' - # 080#+ '-' ,'+ +$*58 6 $,0 -%9 $'70+''-'$,0 ##0+ $#%'$+'6 *-5'$,%$'$,0#0 1%+ - 07'50-20 6 .#0%$0# %2*'$8 6 ,0%#'-.' $,0 5'660#0-20 ;0$100-' $,0+0 -%$'70+ %-5 *# :0%-+ ;0'-.' %: :%#0-$!8 40#0!8 $,%$ $,08 $%30 %-' '-9 $0#0+$ '-' + *-5+ $,%$ $,0 *# :0%-' 5 0+ - $.'70 %$$0-$' -'$ # #*-0#'%!+ ''-',' $0+$+ 4%50 %$ $,0 #!5 %'#'- ,'2%. 6 *-5'$,%$; $,''-'300--0++ %-5'#%-.0 6 ,0%#'-.' $,0 1,'$0+ +*#:%++ :#'4 $'70 :0 :!0+ .%'-' $,0'#%-.0 6 ,0%#'-.' 6 # 2,'!5#0-' + .#0%$0# $,%-' 6 # $, +0' -' !5 %.0 U*'$0 %:%#$ 6# 4 50602$+' -'$,0 ,0%#'-.' %# 5'+0%+0 '+ 0+:02'%!!8 !'%;!0 $ 22*# '-' 2,'!5, 5 ,'!5#0-' 6 $,0 : #0# 2!%++0+ %+ 6 *-5 ;8 '-70+$'.%$' -+ 6 $,0 +2, ! :,8+'2%-' '-' 0'G'.' +, 1 4%-8 4 #0 50602$'70 0%#+' $,%-' $,0 2,'!5#0-' 6 $,0 10!!?$?5 4%-8 0%# 5'+0%+0+ :0#,%:+ ;0'-.' $,0 #0+*!$ 6 +2# 6*!%' 1,'2,' %$9 $%23+ 0+:02'%!!8 10%30# %-5 -0.!02$05 2,'!5#0-' ,0 :0#20-$%.0 6 50602$'70 0%#+ +00 4+ $ 7%#8 %!+ 1'$,' $,0 2!' 4%$0 % 5#8 2!' 4%$0 ;0'-.' 6%7 #%;!0

,0 #5'-%#8 #*!0+ 6 2 4 4 -'+0-+0 +, *!5 ;0 #0.%#505 ,'!5#0-'+, *!5 ;0 $#%'-05'- $$:*$$,'-.+''-$ ' $,0 0%#+' $ ' ;0 2%#06*!'-'2%+0 6 %-8 0%# $# *;!0 - $' $ ' !0$ 1%$0# #*-'-'-$ ' $,0 0%#+' -'1%+,'-.' %-5 ;%$,'-.' $ ' %7 '5 ;! 1'-.' $,0 - +0 7' !0-$!8 '%-5 - $' $ ' 4%30 ! *5 - '+0+



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*;!'2' 2, !+' + (%ʻ-% % %ʻ>PKJ' : : ' >K> J?>K>P'
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(' /'+ !(%6 ' ' (*!8' >PK)' H !*4 ;'%'
-$#';*$' -+ʻ$ ' ,'! + : ,8'%-5' +82, ! .8' !'
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* %#' *'% ' ,0' 0%#'-.' 6' ,'!5#0-' + %
. %6 0204 ;0# '>)PJ' !' ' : : ' JPL?MM>'
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,0'$0-'4'3'-5!'2,0-'*-5'&*.0-5!'0,0-' !$0#' , #
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80 6 !' ' : : ' J>)?JN>' H %!$'4 #0' >PKK F'
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:10# 6ʻ5'+2#'4'-%$'-.ʻ%4 -.ʻ+ *-5+ʻ *2,ʻ
1 #3ʻ'+ʻ *+*%!ʻ'-ʻ$,0ʻ $0%2,'-.ʻ 6ʻ4*+'2ʻ $ʻ'+ʻ
%!+ʻ *+05ʻ'-ʻ $0%2,'-.ʻ 2,'!5#0-ʻ$ʻ#0%5ʻ 4 #0ʻ
:%#$'2*!%#!8ʻ ;0.'--0#+ʻ %-5ʻ 6 #0'.-0#+ʻ *2,ʻ
0EO#2'+0+ʻ,%70ʻ ;00-ʻ,'. ,!8ʻ %#$'6'2'%!ʻ %-5ʻ6 #4%!ʻ
'-ʻ -%$*#0ʻ ,08ʻ %#0ʻ 4*2,ʻ !0++ʻ *+05ʻ $,%-ʻ
,'$,0#$ ʻ $,0ʻ $0%2,0#' #0!8'-.ʻ 6 #ʻ $,0ʻ #0U*'+'$0ʻ
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+ *-5+ʻ '-ʻ 1 #5+ʻ :,#%+0+ʻ %-5ʻ $,0#ʻ -%$*#%!ʻ
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'G05ʻ%+ʻ% 2 !!0.0ʻ'-ʻ >)QPʻ -ʻ$,0ʻ:# 4 $' -ʻ 6ʻ
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,%4ʻ !!0.0ʻ1%+ʻ -0ʻ 6ʻ$,0ʻ6'#+$'-+$'$*$' -+ʻ'-ʻ
$,0ʻ 0+$ʻ ,0ʻ'-+$'$*$' -ʻ'+ʻ2 -$# !!05ʻ;8ʻ'$+ʻ
6 *-50#+ʻ$,0ʻ #$, 5 E' #'0-5+ʻ 54'++' -ʻ$ʻ
$,0ʻ2 !!0.0ʻ'+ʻ;8ʻ20#$'6'2%$0ʻ #0E%4'-%$' -ʻ;%+05ʻ
-ʻ% 6 *# 80%#+ʻ, ',.,ʻ+2, !ʻ2 *#+0ʻ 0.#00+ʻ
6ʻ %2,0! #ʻ 6ʻ #$+ʻ%-5ʻ %2,0! #ʻ 6ʻ 2'0-20ʻ%#0ʻ
2 -60##05ʻ -ʻ 2 4 :!0$' -ʻ 6ʻ %6 *# 80%#+ʻ
2 *#+0ʻ'-2!*5'-.ʻ:#0+2#';05ʻ+*;&02$+ʻ% 4%& #
+*;&02$ʻ%-5ʻ 0!02$'70ʻ+*;&02$+ʻ ,0ʻ 4%+$0#+ʻ
50.#00'+ʻ.'70-ʻ -ʻ -0'80%#+ʻ: +$.#%5*%$0ʻ1 #3ʻ
'-ʻ#0+'50-20ʻ # 60++' -%!ʻ 1 #3ʻ6 #ʻ$0%2,0#+ʻ'+ʻ
%!+ʻ 66#05ʻ%+ʻ 10!!ʻ%+ʻ2 *#+0+ʻ'-ʻ 4*+'2ʻ ,0ʻ
2 !!0.0ʻ'+ʻ! 2%$05ʻ -ʻ%2%4:*+ʻ6 #$8'%2#0+ʻ'-ʻ0E9
$0-$ʻ%-5ʻ'-2!*50+ʻ0'.,$ʻ*'!5'-.+ʻ*+05ʻ6 #ʻ#02'9
$%$'-+ʻ%-5ʻ5 #4'$ #'0+ʻ ,0ʻ:# 5*2$'70ʻ6*-5+ʻ
6ʻ $,0ʻ'-+$'$*$' -ʻ%4 *-$ʻ H>P>>F $ʻ ^JQK KKKʻ
%-5ʻ$,0ʻ$ $%!ʻ'-2 40ʻ'-2!*5'-.ʻ$*'$' -ʻ600+ʻ$ʻ
^M>)OLʻ ,0ʻ0-# !!40-$' 6'+$*50-$+ʻ'-2!*5'-.ʻ
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$,0ʻ40$, 5ʻ 6ʻ2 -+$%-$'#%-.0ʻ%-5ʻHMFʻ $ʻ+0!02$'
%ʻU*'0$'# 4ʻ%-5ʻ #0?$0+$ʻ5 *;$6*!ʻ2%+0+ʻ*-50#
4 #0ʻ6%7 #%;!0ʻ2 -5'$' -+ʻ #;8ʻ $,0# 40$, 5+
,0ʻ $ (ʻ ʻ'+ʻ $,0ʻ -0ʻ 4 +$ʻ 1'50!8ʻ*+05ʻ
$+ʻ %57%-$%.0+ʻ %#0ʻ2 -70-'0-20ʻ %220++';'!'$8ʻ
%-5ʻ #0!%$'70!8ʻ+, #$ʻ #%-.0ʻ $+ʻ 5'+%57%-$%.0+ʻ
%#0ʻ$,%$ʻ'$ 6%'!+ʻ %50U*%$0!8ʻ$ʻ $0+$ʻ 2%:%2'$8ʻ$ʻ
,0%#+:002,'$,%$'$+ʻ+ *-5+ʻ.'70ʻ#'+0ʻ$ʻ'% :0#20:9
$'-ʻ 6ʻ#,8$, 4ʻ$,%$ʻ'$+ʻ$'23'-.ʻ'+ʻ+ʻ6%4'!'%#
$,%$ʻ'!!*+'-+ʻ 6ʻ,0%#'-.ʻ%#'+0ʻ%-5ʻ$,%$ʻ5'660#0-$ʻ
1%$2,0+ʻ7%#8ʻ'-ʻ'-$0-+'$8ʻ%-5ʻU*%!'$8ʻ 6ʻ$'23ʻ
#ʻ$,0ʻ!%+$ʻ #0%+ -+ʻ7%#'*+ʻ6 #4+ʻ 6ʻ%2 *?
40$0#+ʻ ,%70ʻ ;00-ʻ '-70-$05ʻ $ʻ #0:!%20ʻ $,0ʻ
1%$2,ʻ !'$GO#ʻ+ʻ %2 *40$0#ʻ '+ʻ ;0+$ʻ 3- 1-ʻ
%-5ʻ0E$0-+'70!8ʻ*+05ʻ'-ʻ2!'-'2%!ʻ1 #3ʻ -ʻ'$ʻ$,0ʻ
6%!ʻ 6ʻ% $'-8ʻ ,%440#ʻ6# 4ʻ% 2 -+$%-$ʻ ,0'.,$ʻ
*: -ʻ%ʻ+$00!ʻ # 5ʻ.'70+ʻ% ;#'06ʻ$ -0ʻHQ>Nʻ7';#%9
$' -+Fʻ 6ʻ2 -+$%-$'-$0-+'$8ʻ -ʻ*+0ʻ$,0ʻ0E%49
'-0# %+20#$%'-+ʻ $,0ʻ 4%E'4%!ʻ 5'+$%-20ʻ%$ʻ1,'2,ʻ
$,0ʻ+*;&02$ʻ2%-ʻ#0: #$ʻ2 ##02$!8ʻ$,0ʻ -*4;0# 6ʻ
Rʻ2!'23+ʻSʻH$1ʻ $ʻ 6'70Fʻ$,%$ʻ ,0ʻ 4%30+ʻ 0,9
4%--ʻ+ʻ %2 *40$0# %!! 1+ʻ 7%#'%$' -+ʻ '-ʻ $,0ʻ
'-$0-+'$8ʻ 6ʻ '$+ʻ +$'4*!*+ʻ H% +4%!!ʻ +$00!ʻ +, $ʻ
5# :05ʻ6# 4ʻ7%#8'-.ʻ ,0'.,$+ʻ*: -ʻ% 40$%!ʻ
.!%++ʻ # 2%#5; %#5ʻ+,0!6Fʻ+ʻ$,%$ʻ'$ 4%8ʻ;0ʻ
04:! 805ʻ1'$,'-ʻ$,0ʻ!'4'$+ʻ 6'%-ʻ #5'-%#8ʻ# 4ʻ
%-5ʻ%$ʻ% 2 -+$%-$ʻ#%-.0

ʻ0E2!*50ʻ5'+$*#;'-.ʻ- '+0+ʻ+070#%!ʻ0E:0#'9
40-$0#+ʻ ,%70ʻ2 -$#'705ʻ'-+$#*40-$+ʻ'-ʻ 1,'2,ʻ
$,0ʻ+$'4*!*+ʻ'+ʻ% 2!'23ʻ:# 5*205ʻ'-ʻ% $0!0:, -0ʻ
#020'70#ʻ ,0!5ʻ 2! +0ʻ $ʻ $,0ʻ 0%#ʻ $,0ʻ '-$0-+'$8ʻ'+ʻ
7%#'05ʻ;8ʻ'-$# 5*2'-.ʻ 4 #0ʻ #ʻ!0+ʻ#0+'+$%-20ʻ'-ʻ
$,0ʻ2'#2*'$ʻ ,0ʻ;0+$ʻ3- 1-ʻ 6ʻ$,0+0ʻ'-+$#*9
40-$+ʻ'+ʻ 0%+, #0+ʻ%*5' 40$0#ʻ 4<% %*6 1,'2,ʻ
,%+ʻ;00-ʻ0E$0-+'70!8ʻ*+05ʻ;8ʻ,'4'%-5ʻ;8ʻ $,0#+ʻ
0+:02'%!!8ʻ ;8ʻ !$'05!08ʻ%-5ʻ %2 '!!%-ʻ'-ʻ$,0ʻ
'-70+$'.%$'-+ʻ 6ʻ$,0ʻ *#0%*ʻ 6ʻ ,'!5ʻ $*58ʻ%-5ʻ
05%. .'2ʻ -70+$'.%$'-ʻ 2 --02$05ʻ 1'$,ʻ $,0ʻ
,'2%. ʻ:*;!'2ʻ+2, !+

+$ʻ $0+$+ʻ 6ʻ,0%#'-.ʻ8'0!5ʻ -!8ʻ #0!%$'70ʻ#09
+*!$+ʻ % %6 $,0ʻ %2*'$8ʻ 6ʻ % .'70-ʻ:*:'!ʻ 2%-ʻ;0ʻ
+$%$05ʻ -!8ʻ 1'$,ʻ #060#0-20ʻ $ʻ $,0ʻ %70#%.0ʻ:0#9
6 #4%-20ʻ 6ʻ,'+ʻ 4%$0+ʻ*-50#ʻ $,0ʻ:%#$'2*!%#ʻ2 -9
5'$'-+ʻH4%30ʻ 6ʻ1%$2,ʻ7 '20ʻ 6ʻ$0%2,0#ʻ+'G0ʻ 6ʻ
4ʻ %##%-.040-$+ʻ 6ʻ6*#-'$*#0ʻ 0$2Fʻ 1,'2,ʻ
:#07%'!05ʻ'-ʻ$,0ʻ$0+$ʻ '70#.0-20ʻ'-ʻ$,0ʻ#0+*!$+ʻ
6ʻ,0%#'-.ʻ$0+$+ʻ'+ʻ5*0ʻ'-ʻ:%#$ʻ$ʻ$,'+ʻ%;+0-20ʻ 6ʻ
+$%-5%#5'G%$'-ʻ ,%$ -0ʻ 0E%4'-0# 5004+ʻ
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+%!ʻ 4 7040-$ʻ+*2,ʻ%+ʻ:!%2'-.ʻ$,0ʻ#'.,$6 #09
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1,ʻ6%'!ʻ$ʻ #0+: -5ʻ # 1,ʻ5 '+ʻ'-ʻ07'50-$'4'9
$%$'-ʻ 6ʻ $,0#+ʻ # *+0ʻ% +0#'0+ʻ 6ʻ$1 ?:!%20ʻ
1,'+:0#05ʻ-*4;0#+ʻ%-5ʻ!0$ 0%2,ʻ:*:'!ʻ#02 #5ʻ
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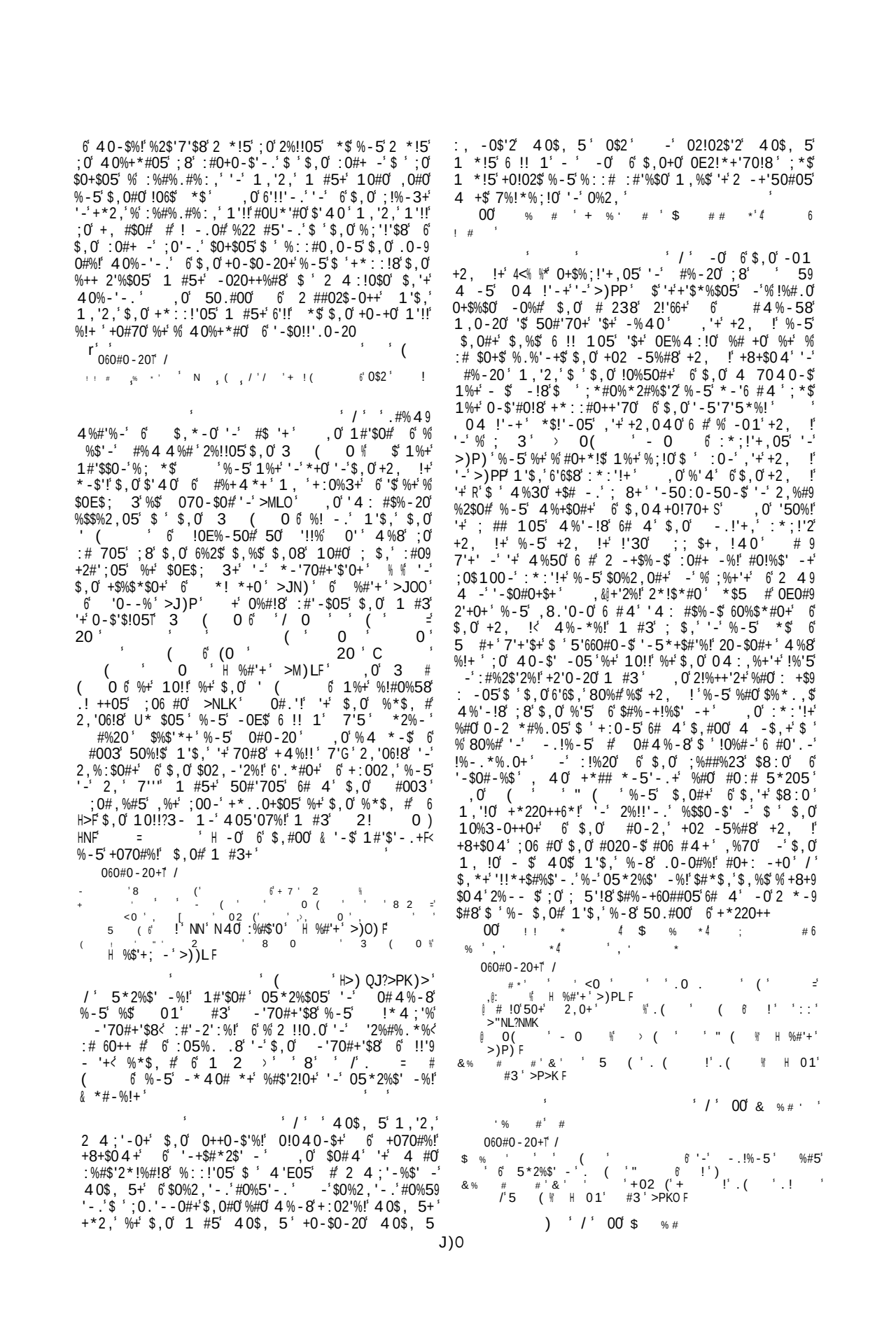

@ /%&,$ / , +2'0-20 - 1 3- 1- %+ 2 - 4'2+ 1%+ 6 # % ! -. $'40 2%!!05 !'$'2%! 2 - 48 ,'+ $0#4 '+ 5*0 $ % #0-2,4%- / -$2,#"$'0- '0*# 50 %$$07'!!0 / 1, 1# $0' -> >O>Q % ; 3 1'$, $,%$ $'$!0' 04 :! 8'-. % $0#4 1,'2, ,%5 ;00-* +05 '- %+!'.,$!8 5'660#0-$ +0-+0 ;8 #'+$ $!0 *#'-. $,0 '55!0 .0+ 02 - 4'2 U*0+$' -+ 10#0 #0.%#505 70#8 !%#.0!8 6# 4'$,0 4 #%! %-5' $,0 ! .'2%! : '-$ 6 7'01 + $,%$'$,0 5'+2*++' -+ 6 $,0 5%8 10#0 5'#02$05 #%$,0# $ % 2 -+'50#9 %$' - 6 1,%$ *.,$ $;0 $,%- 6 1,%$ '+ ,0 #07 !*$' - 6 :#'20+ '- $,0 +'E$00-$, 20-$*#8 %-5 $,0 .# 1$, 6 2%: '$%! !05 $.#0%$ 02 - 4'2 2,%-.0+ 1,'2, ;# *.,$ '-$ $,0 6 #09 .# *-5 %+ 6 6*-5%40-$%!' '4: #$%-20 U*0+9 $' -+ 6 2 440#20 %-5 '-5*+$#8 ; 70 %!! $,0 ;#0%35 1- 6 $,0 60*5%! +8+$04 %-5 $,0 6 #4%$' - 6 -%$' -%! +$%$0+ 04 :,%+'G05 $,0 2 -+'50#%$' -+ 6 -%$' -%! 10%!$,%-5 !%'5' +$#0+ - $,0 : ++';'!'$8 6 . 70#-40-$%! %2$' - '- 6*#$,0#'-. -%$' -%! '-$0#0+$+ ,'+ !05 $ % 5'+2*++' - 6 02 - 4'2 :# ;!04 - % + 409 1,%$;# %50# +2%!0 / %5'+2*++' - - 1 2%#9 #'05 - '- $;8 $,0 ! .'%-+ %-5 2%- -'+$+ ';*$;8 :#%2$'2%! ;*+'-0++ 40-%-5 ;8 :,'! + :,0#+ '-$0#0+$05 '- $,0 -010# : !'$'2%! %-5 + 2'%! U*0+$' -+ ,0 04 :,%+'+ !%'5 *: - $,0 %2$' - 6 $,0 $%$0 %!+ 0E:!%'-+ $,0 -%40 !'$'2%! 2 - 48 +$ 6 $,0 5'+2*++' -+ , 1070#' $*#-05 -$,0 %-%!8+'+ 6 :%#$'2*!%# :# ;!04 + %-5 1,%$ 1%+ +! 1!8 ;*'!$ *: 1%+ %; 58 6 :#%2$'2%! :#020:$+ #%$,0# $,%- 6 $,0 #0$'2 :#'-2':!0+ %!$, *,, 6 2 *#+0 ; $,$,0 #*!0+ 6 %2$' - %-5 $,0 !0.'+!%$' - 1,'2, 04 ; 5'05 $,04 #0+$05 %$; $$ 4 - $,0 #'0+ 1,'2, 10#0 - $ 80$ %50U*%$0!8 6 #4*!%$05 ,0 #'.'- 6 $,0 4 50#-' +2'0-20 6 02 9 - 4'2+ 1,'2, 4%8 ;0 $#%205 ;%23 $ $,0 $,'#5 U*%#$0# 6 $,0 0'.,$00-$, 20-$*#8 '+ 5*0 $ $,#00 6*-5%40-$%! 2%*+0+ -$,0 6'#+$:!%20 $,0 5070! :40-$ 6 2%: '$%!'+$'2 0-$0#9 :#'+0 %-5 $,0 5'660#0-$'%$' - ;0$100-$,0 !%; #0# %-5 $,0 2%: '$%!'+$;# *.,$ '-$:# 49 '-0-20 $,0 7%#' *+ +,%#0+' -' 5'+$#'; *$' - $%; !8 $,0 1%.0+ 6 $,0 !%; #0# $,0 :# 6'$+ 6 $,0 2%: '$%!'+$ %-5 $,0 #0-$ 6 $,0 !%-5 1-0# ,0 %$$04 :$ $ %-%!8G0 $,0 40%-'-. 6 $,0+0 5'660#0-$ +,%#0+ %-5 $,0'# #0!%$' - $ -%$' -%! 10%!$,1%+ $,0 2,'06 2 -20#- 6 $,0 ; 58 6 $,'-30#+ '- #%-20 3- 1- %+ + ! (6 1, %!+ 2%!!05 $,0'-+0!70+ + = (6 # +'4 :!8 (/ 6 6 1, 4 $,0 2 *#$:,8+'2'%- 6 *'+ W] *0+-%8 1%+ $,0 ,0%5 %-5 1, :*;!'+,05 $,0'# ; 3+ '- >LQL?>L)K ,0 +02 -5 +$0:'-$,0 07 !*$' - 6 02 - 4'2 +2'0-20 1%+ $%30- ;8 5%4 4 '$,4<% %% - $,0 2,%'# 6 :,'! + :,8 %$ $,0 -'70#+'$8 6 !%+. 1 $ 1,'2, 5%4 4 '$,1%+ %:: '-$05 '- >LQM %-5 '- 1,'2, ,0 +*2200505 *$2,0+ - '$ 1%+ 2*+$ 4%#8 $!02$*#0 - -%$*#%! !%1 '- + 40 6 '$+ %:: !'2%$' -+ $: !'$'2+ #%5*9 %!!8 1'$,$,0 040#.0-20 6 $,0 4 #0 '4: #$%-$ 02 - 4'2 :# ;!04 $,0 +%40 %$$04 :$ $ 6'-5 %- *-50#!8'-. -%$*#%! 0E:!%-%$' - 6 #0E'+$'-. :,0- 40-% 1%+ 0E$0-505 $ $,0 +:,0#0 6 '-5*+$#8 %-5 $#%50 < %-5 5*#'-. $,0 0%#!8 +'E$'0+ 5%4 4 '$, 5'+2*++05 $,0+0 :# ;!04 ;06 #0 ,'+ 2!%++0+ *-50# $,0 ,0%5 6 R : !'20 S '-%!!8 %6$0# % + & *#-' '- #%-20 %-5 %- %2U*%'-$%-20 1'$, $,0 #0-2, '50%+ 5%4 4 '$, 5070! :05 ,'+ .0-0#%! 5 2$#'-0+ '- ,'+ '44 #$%! 1 #3 / - 6 :9 !'+,05 '- >LLO ,0-$,0'-5*+$#'%! #07 !*$' - 1,'2, 1%+ &*+$;0.'--'-. %+ 5%4 4 '$, 1# $0 ,%5 4%50 '$+ '-6!*0-20 60!$' '-$,0 0%#!8 502%50+ 6 $,0 -'-0$00-$, 20-$*#8 '2%#5 %$$04 :$05 $.'70 $,0 6'#+$ $, # *.,%-%!8+'+ 6 *# 4 50#-6%2$ #8 +8+$04 6 '-5*+$#'%! !'60 %-5 $,'+ 2 4 :!0$05 $,0 6#%401 #3 6 $,0 +$#*2$*#0 6 02 - 4'2 +2'0-20 1,'2, '+ - 1 ;0'-. .#%5*%!!8 6'!!05 *$,0 $,'#5 0!040-$'-$,0 6 #4%$' - 6 4 50#-02 - 4'0+ 1%+ $,0 -005 6 0!%; #%$'-. %- %59 4'-'+$#%$'70 +8+$04 '- 4%-%.'-. $,0 . 70#-9 40-$:# :0#$8 6 $,0 +4%!!0# 0#4%- %-5 $%!'%-#*!0#+ $ 1%#5 $,0 0-5 6 $,0 0'.,$00-$, 20-$*#8 ,'+ 1%+ $,0 :0#' 5 6 $,0 + ??%!!05 : !'20 +$%$0 1,0- $,0 . 70#-40-$ 2 -5*2$05 4%-8 0-$0#:#'+0+ 1,'2, %#0 - 1 !06$ '- :#'7%$0 ,%-5+ - + 40 6 $,0 0#4%- :#'-2':%!'$'0+ 6 # '-+$%-20 $,0 4%-%.040-$ 6 $,0 . 70#-9 40-$!%-5+ 4'-0+ '-5*+$#'0+ 0$2 1%+ %+9 +'.-05 $.# *:+ 6 66'2'%!+ 3- 1- %+ (2 - $,0'# 0-50%7 # $ 0!%; #%$0 :# :0# 40$, 5+ 6 %54'-'+$#%$' - $,0+0 2,%4;0# 66'2'%!+ %-5 $,0'# %57'+ #+ .#%5*%!!8 1 #305 *$ % +8+$04 6 :#'-2':!0+ $ 0E:!%'- $,0 %54'-'+$#%$'70 #*!0+ ,0 ; 3+ 1#'$$0- %+ 10!! %+ $,0 $0%2,9 '-. 2,%'#+ 6 *-505 $ 0E: *-5 $,0+0 :#'-2':!0+ 2%40 *-50# $,0 50+'.-%$' - 6 $,0 ,%4;0# +2'0 0+ 4 # = (/ * /%$0#4 +$'!! 04 :! 805 $?5%8 %$ $,0 -'70#9 +'$8 6 0'50!;0#. + 5%4 4 '$, 1 #3 ;02%40 3- 1-'-' 0#4%-8 %-5 $%!8 ;8 $#%-+9 !%$' -+ $,0 2,%4;0# +2'0-20 .#%5*%!!8 40#.05 '-$ $,0 +2'0-20 6 : !'$'2%! 02 - 48 '-%!!8 1'$, $,0 5070! :40-$ 6 $,0 !%+$ 601 502%50+ 1,'2, ,%# 0!0.%$05 $ $,0 ;%239 .# *-5 $,0 %54'-'+$#%$'70 %-5 : !'$'2%!' +'50 6 $,0 5'+2':!'-0 %-5 ,%+ ;# *.,$ 6 #1%#5 $,0 :*#0!8 +2'0-$'6'2 2,%#%2$0# 6 $,0 +*;&02$ $,0 $0#4 !'$'2%! 2 - 48 ,%+ .#%5*%!!8 .'70- 1%8 $ 2 - 4'2+ 070! :40-$ 6 2 - 4'2 0%2,'-. / 0 / +,%+ ;00-'-$'4%$05 '-$,0 :#02059 '-. +02$' - $,0 6'#+$ %$$04 :$+ $ $0%2, 1,%$ 10 ?5%8 1 *!5 2%!! 02 - 4'2+ 10#0 6 *-5 '- $,0 *# :0%- *-'70#+'$'0+ 1,'2, $%*.,$ -%$*#%! !%1 %-5 '- + 40 6 $,0 -$'-0-$%! 2 *-$#'0+ 1,0#0 $,0 2,%4;0# +2'0-20+ 10#0 :*#+*05 ,0 6'#+$ '-50:0-50-$ 2,%'#+ 6 : !'$'2%! 02 - 9 48 10#0 $, +0 6 %:!0+ '- >LQJ 6 1,'2, $,0 6'#+$ '-2*4;0-$ 1%+ 0- 70+ -5 $,0 :# 60++ #+,':6 2%40#%! +2'0-20 %$ '0--% '- >LOJ 6 1,'2, $,0 6'#+$ '-2*4;0-$ 1%+ --0-? 60!+ $ 1%+ - $, 1070# *-$'!$,0 -'-0$00-$, 20-$*#8 $,%$: !'$'2%! 02 - 48 1%+ .0-0#%!!8 '-$# 5*205 %+ % *-'70#+'$8 5'+2':!'-0 ,0-

$,0 -01 -'70#+'$8 6 0#!'-1%+2#0%$05'-
>)>K :# 7'+'-1%+4%50 6 # $0%2,'-.'-
02 - 4'2+%-5$,'+.#%5*%!!8+:#0%5$ $ $,0
$,0# 0#4%-* -'70#+'$'0+-#%-20%
2,%'# 6 02 - 4'2+1%+0+$%;!'+,05'-)JK'-
$,0 !!0.0 50 #%-20'%-5!%$0#-'-+40 6
$,0 $02,-'2%!+2, !+< ;*$ 02 - 4'2+5'5'-$
;02 40%:%#$ 6$,0 #0.*!%# *-'70#+'$8 2*##'2*9
!*4'*-$'! $,0 2! +0 6 $,0 +070-$'0+1,0-
2,%'#+ 6 : !'$'2%!' 02 - 48 10#0 2#0%$05'-'$,0
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$,0 $,0# -$'-0-$%!' 2 *-$#'0+'-'$,0 6%2*!9
$'0+ 6 :,'! + :,8 -' -.!%-5 $,0 6'#+$:# 9
60++ #+,':' 6 : !'$'2%!' 02 - 48 1%+$,%$'-9
+$'$*$05'-)KQ %$ %'!08;*#8 !!0.0'1,'2,'
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%!$,*+ $ -'70#+'$8 !!0.0'!'-5 -'
%2,%'# 6 02 - 4'2+1%+0+$%;!'+,05'-)N'
1'$, 2 *!! 2,'%+ $,0 6'#+$ '-2*4;0-$< %-5
%$ *;!'-% 2,%'# 1%+6 *-505'-' #'-'$8
!!0.0'-)JN ;8 #2,;'+, :' ,%$0!8< %$
E6 #5 %:# 60++ #+,':' 1%+0+$%;!'+,05'-)NQ'
1'$, %++%*' 0-'# %+ $,0 6'#+$ '-2*4;0-$'
'+ +*220++ #+ 10#0 '2,%#5 ,%$0!8 H>)JKF'
! 85 H>)JOF 0#'7"%!0 H>)J)F #%70#+'
1'++ H>)MNF 0-'# H>)MLF '2,%#5+'
H>)QNF ,%#!0+ 0%$0 H>)QLF ,# !5 .0#+'
H>)ONF -%48 #'20 H>)O)F ,# !5 .0#+'
H>)))F%-5 5.01 #$,H>)P> $ %49
;#'5.0 $,0 :# 60++ #+,':' 5%$0+6# 4 >)OJ'$,0
6'#+$ '-2*4;0-$;0'-.' 0-#8 %120$$'1,'1%+'
6 !! 105 ;8 !6#05 %#+,%!!' -'))M %-5 ;8
'. *'-'>PK) -'%!!'$,0+0:!%20+,19
070#'2 4:%#%$'70!8!'$$!0'%$$0-$'-'1%+:%'5'%$
6'#+$ $ $,0 $0%2,'-.' 6 02 - 4'2+%-5'$ 1%+
-$*-$'!$,0 2! +0 6 $,0 -'-0$00-$,20-$*#8
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60++ #+,':' %$ '-.+ !!0.0' -5 -'5%$0+'
;%23 $'>)QP'%-5$,%$ %$ $,0 -'70#+'$8 6
5'-;*#.,'$'>)L>' 1%#5 $,0 2! +0 6 $,0
-'-0$00-$,20-$*#8'2,%'#+'-'02 - 4'2+10#0
2#0%$05'-'$,0 :# 7'-2'%!*-'70#+'$'0+'0+:02'%!!8
%$ '#4'-.,%4' %-2,0+$0#'70#: !',069
6'0!5 #'+$!' *#,%4'%-5'$,0 !'30'%+10!!'%+
'-2 $!%-5'%-5 %!0<%-5'% .#0%$'4:0$*+'$'
$,0 $0%2,'-.' 6 02 - 4'2+1%+.'70-';8',0
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2 - 4'2+1,'2,',%+ #020-$!8';00-'4%50'%
:%#%$ 6 $,0 -'70#+'$8 6 -5 -
' . % / 2 - 4'2+1%+$%*.,$'%$
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1%+$,%$'-+$'$*$05'%$!*4;'% !!0.0'01'
#3'1,0#0 (,-'2 '23%#'1,',%5 :#09
7'*+!8!02$*#05'-'$,0+*;&02$'*-50#$,0,0%5'
6 :,'! + :,8'1%+4%50 :# 60++ # 6 4 #%!'
:,'! + :,8 %-5 : !'$'2%!' 02 - 48 '-)>)P'
-'#50#$'2 4404 #%$0$,'+6%2$' !*4;'%
-'70#+'$8 0+$%;!'+,05 + 40 80%#+ %.'$,0
2 '23%#:# 60++ #+,':' 6 : !'$'2%!' 02 - 48'
,0 +02 -5':# 60++ #+,':'-'$,0 -'$05 $%$0+'
1%+'-+$'$*$05 %$ *$,' %# !'-%' !!0.0'
!*4;'%' 1,0#0 , 4%+ :0#':#9
60++ # 6'2,04'+$#8',%5'$,0+*;&02$ 6 : !'$'2%!'
02 - 48'%5505'$'$,0'$'$!0 6',+'2,%'#'-')NO'
':#60++ #+,':' 6 +'4'!%# +02$' -%!'-6!*0-20'
1%+$,%$' -' : !'$'2%!' 02 - 48',+$ #8'%-5'
40$%:,8+'2+'6'!!05'-'$,0 !!0.0 6 =!!!'%4'
%-5 %#8'-')NL',8 ,4%+ 50#'23 01'
H>)KN?>)MOF ,0 +0:%#%$0:# 60++ #+,':+ 6'
:!'$'2%!'02 - 48', 1070#'5'5 $2 40*-$'!'
%6$0# $,0 '7'!' %#' %#7%#5 0+$%;!'+,05'%
:# 60+ + #+,':' 6 : !'$'2%!' 02 - 48'-')L><
%!0'-')LN< %-5 (,-+ :3'-+'-')LO
,0 #0%!' 5070! :40-$ 6 02 - 4'2 $0%2,'-.'
-'%!%#.0 +2%!0 ;0.%-'%$ $,0 2! +0 6 $,0
+070-$'0+%-5 5*#'-.' $,0 0%#!8 0'.,$'0+ ,0
-010# :!04+;0U*0%$,05'$'$,0 2 *-$#8;8'
$,0 '7'!' %# 10#0 :#'4%#'!8 02 - 4'2'-'
2,%#%2$0#' ,0 #%:'5 .# 1$,' 6 '-5*+$#'%!'
2%:'$%!'+4';# *.,$'$'$,0 6# -$'% 4*!$'$*50 6
U*0+$' -+'1,0#0%+;06 #0 $,0 1%# 10!!?-'.,'
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6#00 $#%50%-5 6';%-3'-.'1,'2,'10#0 $#0%05
:#'4%#'!8 6# 4'$,0 : '-$ 6 7'01 6 :%#$'+%-'
: !'$'2+,0 -010# :# ;!04+$,%$ 2 -6# -$05'
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'-' %!' $,0 !%#.0#*-'70#+'$'0+ 4 -.' $,0+0
8 *-.0# 40-'10#0 %$$0-'%-5 (%40+'1,'
10-$ $ $,0 -'70#+'$8 6 0--+8!7%-'%<
!%#3' 6 4,0#+$ %-5 !%$0# 6 !*4;'%<
%#-%4'%-5 %5!08 6 %!0< %*++'.' 6 %#9
7%#5< 5%4+6 '2,'.%-< %8 ?
4'$,'%-5 0!'.4%-' 6 !*4;'%<%-5 !8 6
(,-+ :3'-+' ,0 $0%2,'-.' 6 02 - 4'2+
-'%*-'70#+'$8 ;%+'+%$* (,-+ :3'-+'*-50#
0-0#%!' #%-2'+ %!30# ,0!:05 $'2#0%$0%
.# *:' 6 8 *-.0# +2, !%#+'1,' + -' 6'!!05'$,0'
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-'>)LP $,0 2, ! 6 !'$'2%!' 2'0-20 %$
!*4;'%' 1%+'-%*.*#%$05 -'%*-'70#+'$8
;%+'+'%-5'5'$+',%#0'-'-.' $,0 6*$*#0'
$0%2,0#+ 6 $,0 2 *-$#8' #%5*%!!8 $,0 $0%2,9
'-.'6 #20 1%+'-2#0%+05'-'%!' $,0 !%#.0# *-'70#9
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$,# *., *$ $,0 !0-.$,'%-5';#0%5$,' 6 $,0 !%-5
$ $,0 :#0+0-$ $'40' 4 +$ 6 $,0 +070#%!'
,*-5#05 2 !!0.0+'-' $,0 -'$05 $%$0+' 660#
'-+$#*2$'-''-'$,0'+*;&02$'%-5'0%2,' 6 $,0 !%#.0#
'-+$'$*$'-+ ,%+%+$%66 6'-+$#*2$ #+'507 $05'
$''$' $'-+$'$*$'-+'!'30 !*4;'% %#7%#5'
%!0' ,'2%.'%-5 '+2 -+'-'$,0#0 %#0 6# 4'
+'E $'$0-':# 60++ #+ 6 02 - 4'2+%-5 + 2'%!'
+2'0-20'$.0$,0# 1'$,'%2#:+ 6 !02$*#0#+'
'-+$#*2$ #+'%-5'$*$ #+
0%2,'-.' 6 2 - 4'2+'-'$,0 40#'2%-'
-'70#+'$'0+'/',0 :#0+0-$?5%8 :#;!04+ 6
$,0 $0%2,'-.' 6 02 - 4'2+'-',.,0# '-+$'$*9
$' -+ 6 !0%#-'-.'%#0 +0#' *+!8 %602$05';8'$,0
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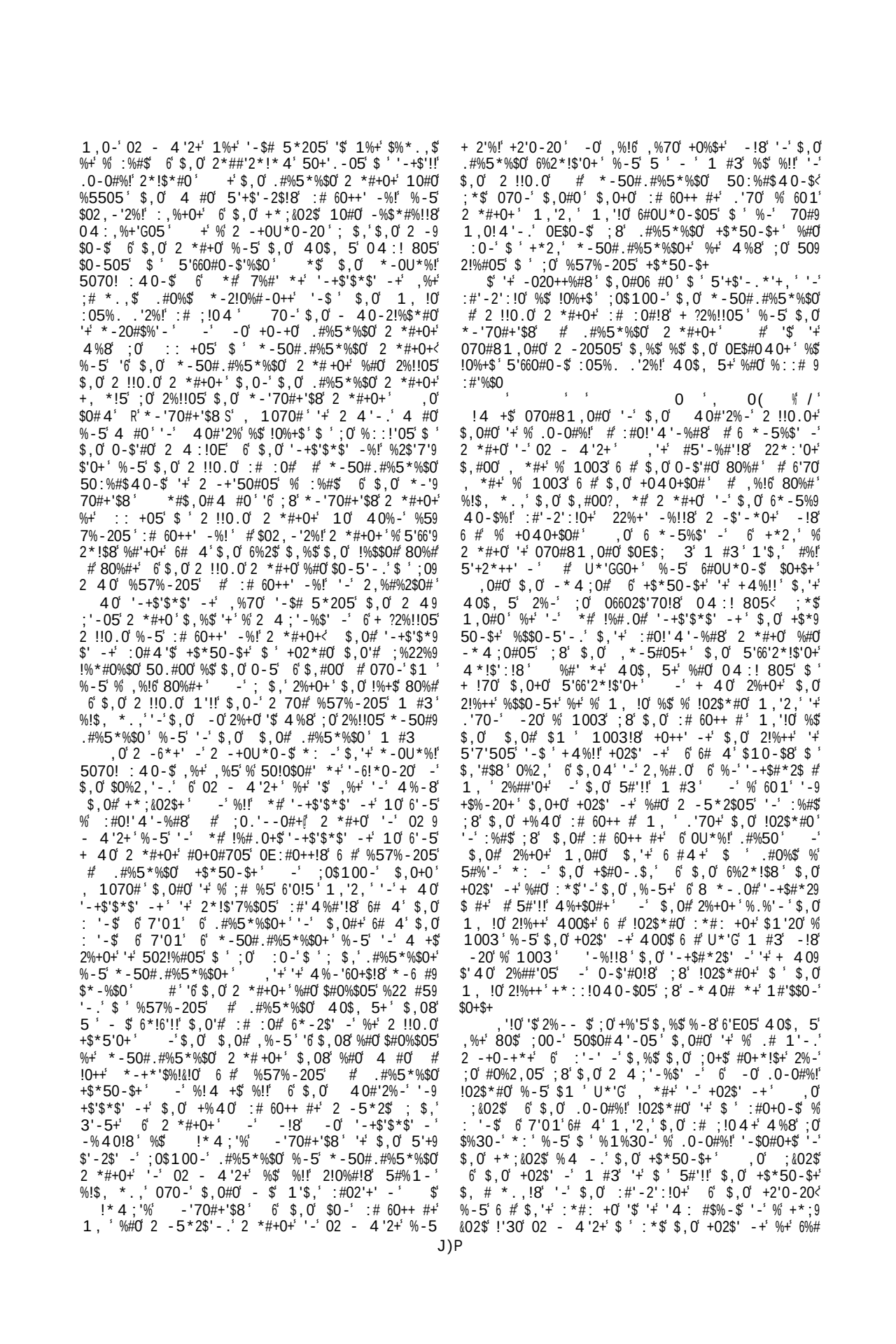

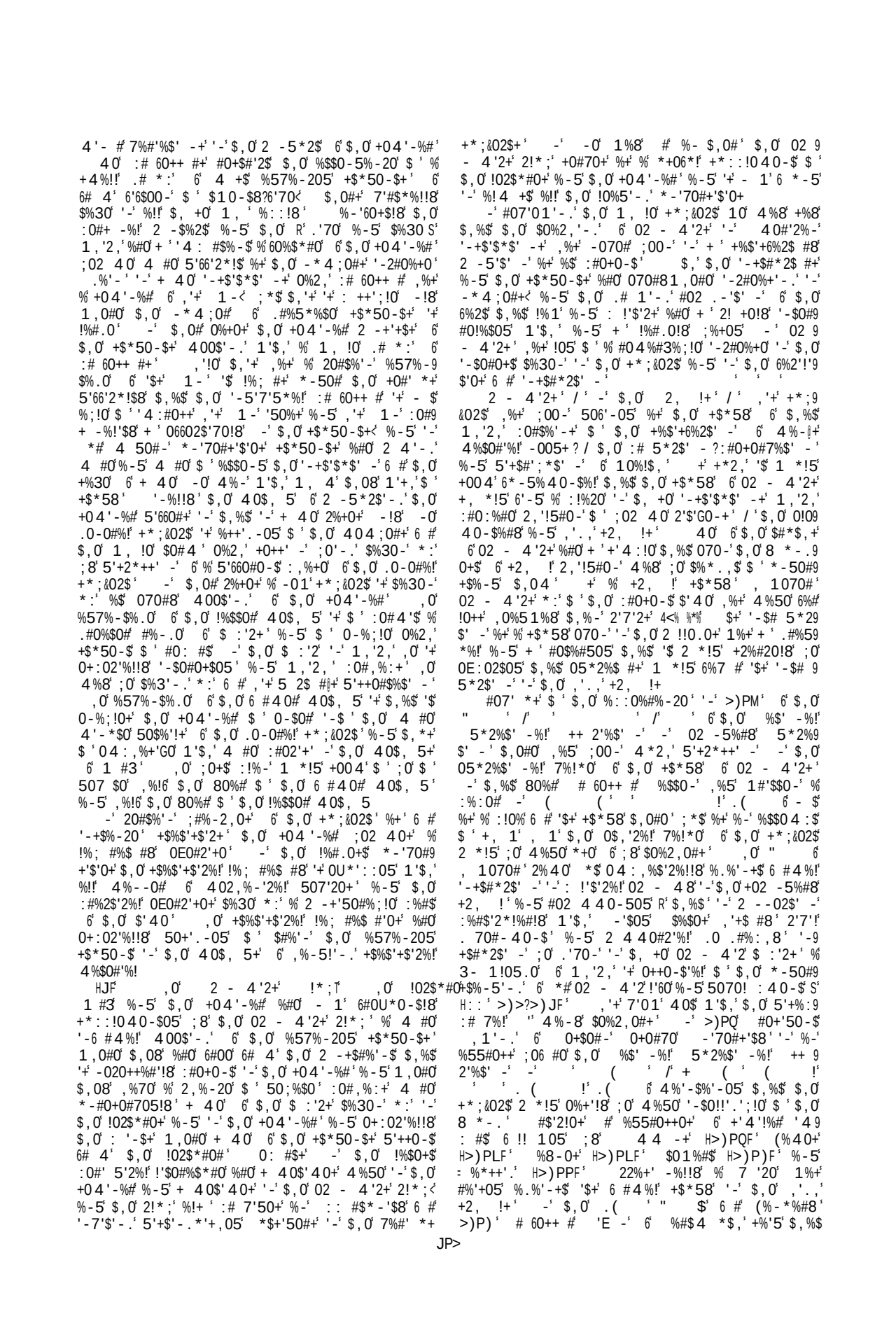

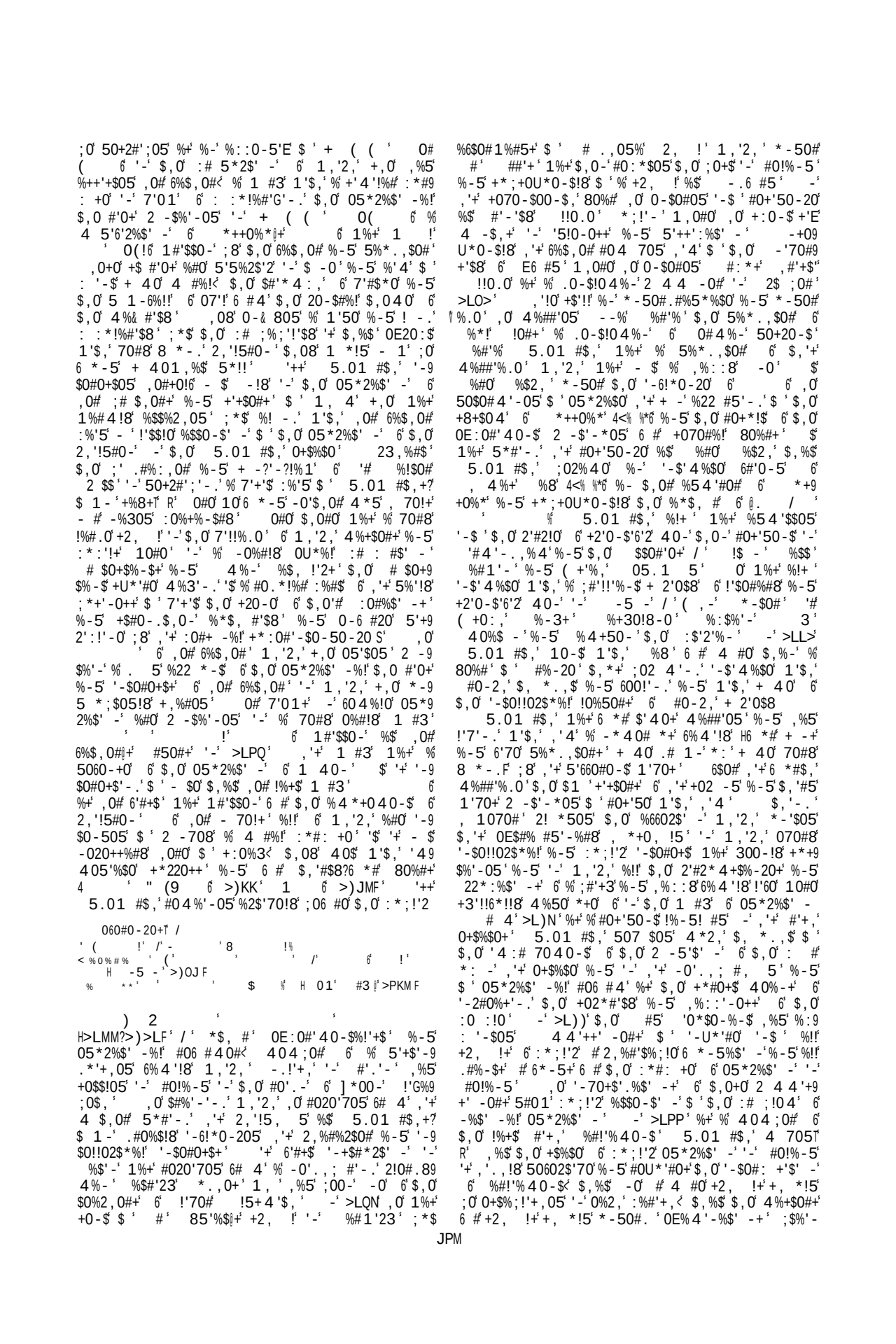

50.#00+ %-5 :# 6 6 ,%7'-. *-50#. -0 % +%$'+9 6%2$ #8 2 *#+0 6 .0-0#%! 05*2%$' -'-' $,0 %29 *!$8 6 #$+ -50# $,0+0 #0.*!%$' -+ $,0 -*4;0# 6 +$*50-$+ #%:'5!8 '-2#0%+05 ,0 4 4'++' -0#+ -0E$:# 200505 $ ' 6#%4 0 #0.*9 !%$' -+ 6 # 50.#00+ '-' %#$+' %-5' %+ % #0+*!$ 6 $,0'# !%; #+$,08 0+$%;!'+,05 % -0?50.#00 2 *#+0 '-' $,'+ 6%2*!$8 ,0 +*;&02$+ 2 70#05 ;8 $,'+ 50.#00 2 *#+0 10#0 %$'-' #003 4%$,09 4%$'2+ -%$*#%!' :,'! + :,8 ! .'2 4 #%!' :,'!9 + :,8 %-5 #,0$ #'2 H'-2!*5'-. -.!'+,' !'$0#%9 $*#0F ' $' $,0 +%4 0 $'4 0 $,08 '-+$'$*$05 , - #+ 50.#00+'-' 2!%++'2+ '-' 4%$,04%$'2+ %-5 -%$*#%!' :,'! + :,8 '-' 40-$%!' :,'! + :,8 %-5 '-' -%$*#%!' +2'0-20 H'-2!*5'-. .0 ! .8 G ! .8 %-5 2,04'+$#8F ,0 4 4'++' -0#+ -0E$.%70 $,0'# %$$0-$' -' $ '.#%5*%$' -''-'!%1 %-5''-' >)ON $,08 !%'5 5 1-' #0.*!%$' -+6 # $,0 50.#00 6 %2,0! # 6 %1+ H F 1,'2,'1%+ $ ' ;0 :0-' -!8 $ ' $, +0 1, ' ,%5 :#07' *+!8 .#%5*%$05 '-' %#$+ ,'+ 2 *#+0 , 1070#' 5'5 - $%:'0%!' $ ' $,0 :*;!'2 6 # 5*#'-.'$,0 -'-0 80%#+ %6$0# '$+'-+$'$*$' -' H>)ON?>)LNF -!8 $10-$8?6 *# +$*50-$+ 10#0 %1%#505 $,0 50.#00 22 #5'-.!8 %-' %.'$%$' -' %# +0 1,'2,''-' >)LM #0+*!$05 '-' $,0 0+$%;!'+,40-$ 6 %- $,0# %-5 ! 10# 50.#00 '-' !%1 H F 1,'2,'2 *!5 ;0 $%30-' ;8 %+$*50-$ 1,',%5 - $:#07' *+!8 .#%5*%$05 '-' %#$+ -' >)OM $,0 . 0 ((0 0+9 $%;!'+,05 % 50.#00 '-' $,0 %2*!$8 6 '7'-'$8 %-5 %!+ '0-20 '-'+2'0-20 '-' $,0 50:%#$40-$+ 6 H F $,0 4%$,04%$'2%!' +2'0-20 H F $,0 :,8+9 2%!' +2'0-20+ HJF $,0 -%$*#%!' +2'0-20+ %-5 HMF 0-9 .'-00#'-. $' '+ $;0 - $05 ,1070#' $,%$ %$ $,'+$'40 - +0:%#%$0 6%2*!$8 6 +2'0-20 0E'+$05 ,0 -0E$.#0%$ 2,%-.0 '-' $,0 '--0# #.%-'G%9 $' - 6 $,0 *-'70#+'$8 $ 3 :!%20 '- >)PN $ 1%+ $,0-' 0-%2$05 H>F $,%$ % :#0!'4'-%#8 # 0-$#%-20 0E%4'-%$' -' +, *!5 ;0 '-2*4;0-$ *: -'%!' +$*50-$+ 0-$0#'-.'*: -'% 50.#00 2 *#+0 '-' %-8 0E'+$'-.'6%2*!$8 %-5 $,%$ $,0 +* ;&02$+ 6 $,'+ 0E%4'-%$' -' +, *!5 ;0 -.!'+,' %$'-' # #003 4%$,04%$'2+ %-5 -0 6 $,0 6 !! 1'-.' ;% #0-2,' 0#4%-' $%!'%-' # 58-%4'2+ ,'+ 0-$+-20 0E%4'-%$' -' 1%+ 4%50 2 4 4 -' $ ' %!' $,0 6 *# 2 $$'+,' *-'70#+'$'0+'%-5 % & '-$; %#5 1%+ 0+$%;!'+,05 $ ' 2 -$# ! %-5 #0.*!%$0 $,0 0E%4'-%$' -' HNF -'$,0 +02 -5 :!%20 '$,0 *-'70#+'$'0+ 6 2 $!%-5 10#0 $,# 1-' :0-' $ ' 1 40-'+$*50-$+' %-5''-' 5'-;*#.,'1 40-'2%-' -1'.#%5*%$0 '-'%#$+''-'+2'0-20''-'405'2'-0''-' !%1'%-5 '-' 4*+'2 HJF ,0 !5 +070-?+*;&02$ 50.#00 '-' %#$+ ,%5 ;00-'6 *-5 *-+*'$%;!0 '-' 4%-8 2%+0+'%-5 4 #0 70#$,0 0E2!*+' -' 6 +*2,' +*;&02$+ %+ ,'+$ #8 : !'$'2%!' 02 - 48'%-5 05*9 2%$' -' 6# 4 $,0 %#$+ 2 *#+0 1%+ #0.%#505 %+ %-' '-&*+$'20 22 #5'-.!8 '$ 1%+ 0-%2$05 $,%$ % +$*50-$:# 2005'-.' $.#%5*%$' -'' -%#$+ 4*+$ %$$0-5 6*!! 2 *#+0+ '-' +070-' +* ;&02$+ 6 1,'2,' 6 *# 4*+$;0 H%F %$'-' # #003 42* -.!'+,' # % 4 50#-' !%-.*%.0 # ,'+$ #8 H2F ! .'2 # 4 #%!' :,'! + :,8 H5F 4%$,04%$'2+ # -%$*#%!' :,'! + :,8 ,0 #04%'-'-.' $,#00 2 *#+0+ 10#0 !06$ $ ' $,0 2, '20 6 $,0 +$*50-$ +*;&02$ $ ' $,0 2 -5'$' -' $,%$ $,0 .# *:' 6 +070-

+*;&02$+ 4*+$'-2!*50 0'$,0# H%F ; $,' %$'-' %-5 #003 #H F ; $,'! .'2%-5 4 #%!' :,'! + :,8 # H2F %-8 $1 ' 6 4%$,04%$'2+'-%$*#%!' :,'! + :,8 %-5 2,04'+$#8 -' %55'$' -' $,0 +*;&02$+ '-' 1,'2,' %-' , - #+ 50.#00 2 *!5 ;0 %!#0%58 $%30-' 10#0 0E$0-505 + ' %+ $ ''-2!*50 +*2,' 2 *#+0+ %+ 4 50#-'!%-.*%.0+'%-5',+$ #8 ,0+0 #0.*!%9 $' -+ 10#0 4%50 2 4 4 -' $ ' $,0 6 *# *-'70#+'9 $'0+ 6 2 $!%-5 ,0 $,0# '4 : #$%-$ 2,%-.0 4%50 1%+ $,0 0+$%;!'+,40-$ 6 % +0:%#%$0 %2*!$8 6 2'0-20 +'%#0+*!$ 6 $,0+0 '-- 7%9 $' -+ $,0 -*4;0# 6 +$*50-$+ '-' %$$0-5%-20 %$ $,0 *-'70#+'$8 6 # % $'40 .#%5*%!!8 502#0%+05 *-$'!$,0 +2, !+ 10#0 0-%;!05 $ ' #%'+0 $,0'# +$%-5%#5 6 +2, !%#+,':' $ ' $,0 -01'0-$#%-20 $0+$ 02$*#0+,':+ '-' #0-2, 0# 4%-' .0 .#%:,8 %-5 $,0# +*;&02$+ 10#0 .#%5*%!!8 0+$%;!'+,05 >PK)?>PKP 6*#$,0#2,%-.0+ 10#0 4%50 '-' $,0 %#$+ 2 *#+0 1'$,'$,0 7'01 6 1'50-'-.'$,0'50.#00 2 *#+0+ '-' $,'+ 6%2*!$8 8 #5'-%-20 :%++05 '-' >PKP '$' + !%'5 5 1-' R' $,%$' $,0 2*##'2*!* 4 6 # $,0 #5'-%#8 50.#00 '-' %#$+ +,%!' 2 -+'+$ 6 / ' +*;&02$+ 6 1,'2,' $1 ' +*;&02$+ +,%!' ;0 +$*5'05 6 # $1 '%2%50 4 '2%!' 80%#+ :# 7'505 $,%$ '$ +,%!' ;0 '-' $,0 :10# 6 $,0 . 0 1'$,' $,0 %:# 7%!' 6 $,0 -'70#+'$8 *#$ $ '#023 -' 2 *#+0+ '-' $1 '2 .-%$0'+*;&02$+ %+ $1 '2 *#+0+ '-' -0 +*;&02$ S ,0 0606 02$ 6 $,'+ -01'#0.*!%$' -' + $ '.'70 0-$'#0 6#005 4 $ ' $,0 *-'70#+'$8 '-' $,0 6#%4'-.' 6 2 *#+0+ 6 +$*58 '-' %#$+' -' 5'-;*#.,'$,0 +*;&02$+ '-' %#$+ %+0 :05 *-50# 6 *# 50:%#$40-$+ 7'G ,0 50:%#$40-$+ 6 H F !%-.*%.0 %-5 !'$0#%$*#0 H F 40-$%! :,'! + :,8 HJF +2'0-20 HMF ,'+$ #8 %-5 !%1 %-5 $,0 -!8 .0-0#%! #0.*!%$' -' !%'5 5 1-' 6 # $,0 2 -+$#*2$' -' 6 % 50.#00 2 *#+0 '-' %#$+ '+ $,%$ +*;&02$ $ ' $,0 %:# 7%!' 6 %-' 66'2%! %59 7'+0# %:' -$05 ;8 $,0 -'70#+'$8 *#$ R' 070#8 2*##'2*!* 4'6 # $,0 #5'-%#8 50.#00 4*+$ 04;#%20 +*;&02$+ $%30-' 6# 4 '%$!0%+$ $,#00 *$ 6 $,0 6 *# 50:%#$40-$+ 6 +$*58 0-*40#%$05 %; 70 S ,0 %2*!$8 6 2'0-20 ,%+ %+ 10 ,%70 %!#0%58 -$05 ;00-' %-' -50:0-50-$ 6%2*!$8 -!8 +'-20 >)PJ -' %55'$' -' $ ' $,0 2 *#+0+ !0%5'-.' $ ' %! 50.#00 '-' :*#0 +2'0-20 50.#00 2 *#+0+ %#0 - 1' %!+ ' :# 7'505 '-' $,0 6 !! 1'-.' 50:%#$40-$+ 6%:::!'05 +2'0-20 7'G H%F 0-.'-00#9 '-.< H F %.#'2*!$*#0< H2F :*;!'2 ,0%!$,< 4 * 6 #0+$#8 ,0 %2*!$8 6 05'2'-0''-' %55'$' -' $ ' $,0 50.#00+ 40-$' -05 -1'.#%-$+ -2 -5'9 $' -+ +'4'!%# $ ' $,0 5 2$ #%$0 '-' 405'2'-0 % 4%+$0#+ 50.#00 '-' +*#.0#8 H , F -' >)PM $,0 %2*!$8 6 *+'2 1%+ 0+$%;!'+,05 %-5 :# 9 7'50+ 2 *#+0+ 6 # +$*50-$+ 50+'# *+ 6 ;$%'-'-. $,0 50.#00 6 %2,0! # 6 *+'2 H *+ %2F '.,0# 50.#00+ %#0 2 -60##05 -' .#%5*%$0+ -' :#0+0-$%$' -' %-5 %:::# 7%!' 6 % $,0+'+ '-' $,0 6%2*!$'0+ 6 05'2'-0 2'0-20 #$+' %-5 *+'2 - #%#8 50.#00+ '-' 5'7'-'$8 %-5 '-' !%1 4%8 %!+ ' ;0 2 -60##05 ,0$ $%!' -* 4;0# 6 4%$#'2*9 !%$05 +$*50-$+ '-' %$$0-5%-20 5*#'-.' $,0 80%# >PK)?>PKP 1%+ JJN> 4%50 *:' %+ 6 !! 1+ 405'2'-0 >MLQ H'-2!*5'-.' JQ 1 40-'+$*50-$+F< %#$+' >>QL +2'0-20 JKK !%1' JKQ 5'7'-'$8 'OM 4*+'2 NK '$,'-'#020-$80%#+ ' $,0 -'70#+'$8

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;7' *+ %57%-$%.0+ '- $,0 $8:0 6 05*2%$' $,%$ 50:0-5+ *: - +02*#'-. $,0 05*2%$'70 #0+*!$ - $;8 +*;&02$ 4%$$0# %-5 40$, 5 +0!02$05 %-5 %##%-.056 # $,0 0E:#0++ :*#: +0 6 05*2%$' - ;*$;8 %2$*%!' 5'#02$:%#$'2':%$' -''- + 40 6 #4 6 2 -$04: #%#8 !'60 7%!*05 %-5 :0#6 #405 - '$+ 1 - %22 *-$ 0-*'-0-0++ 7'$%!'$8 50:$, 6 '-$0#0+$ %-5 6 %++'4'!%$' - %-5 2 -+0U*0-$ %++*#%-20 6 '-6!*0-20 *: -',%;'$%-5 2,%#%2$0# %0 60%$*#0+ 6$,0'-2'50-$%!' $8:0 6 05*2%$' - -2 -$#%+$1'$,$,0+0 4%#3+ +2, ! 05*2%$' - $0-5+ $;02 40 #04 $0 %-5 %#$'6'2'%! H%;+$#%2$ '- $,0 *-6%7 #%;!0 +0-+0 + 40$'40+ .'70- $,%$ $0#4F 507 05 4 50+ 6 $02,-'2%!+3'!!%-5 %22* 4*!%$' - 6 3- 1!05.0 1'$, -!8 % 4'-'4*4 0660 2$ *: - 2,%#%2$0# ;02%*+0 '$+ %66%'#+ %#0 - $ #.%-'G05 '-$,0 #5'-%#8:#%2$'20+ 6 5%'!8!'60 -+0U*0-$!8 '$'+ % 2 -+$%-$ 2#8 6 $,0 05*2%$' -%!#06 #40# 6 0%2,'%.0$,%$$,0+2, ! 05*2%$' - ,%+. $$ 6%# %1%8 6# 4 $,0 %2$*%!'$'0+ 6 !'60 $;0 .0-9 *'-0!8 05*2%$'70 -$,0 $,0# ,%-5 '-6 #4%! 05*2%$' - , 1070# 500: '+ %!4 +$ +*#0 $;0 2 -$#%2$05 +'-20 $,0 0-7'# -40-$'- 1,'2,'%-' -5'7'5*%! 2%-5'5'#02$!8'+,%#0 +! 4'$05 '-+:%20 %-5 $'40 #0 70#''$+'-'2'50-$%!' 2,%#%2$0# '+ 6%7 #%;!0 $ ''$+;0'-.''-2'50-$%!''-$,0';%5'+0-+0 ;%6 2%+*%! %-5 6#%. 40-$%#8 %-8 $'40+ $,0 $8:0 6 %2$'7'$8''- 1,'2,'2,'!5#0-'1 *!5'-%$*9 #%!!8 $%30 %:%#$;8 5'#02$+,%#'-.'+ #0!%$'70!8 '6 - $ %;+ !*$0!8 %-'*-1 #$,8 $8:0 4 #09 70#'+'-20 6%4'!8 %-5 ! 2%!'0-7'# -40-$+ 7%#8 $#040-5 *+!8 0E20++'70 #0!'%-20 *: -''-6 #4%! 05*2%$' -'$0-5+ $'$,0':0#:0$*%$' - 6 2!%++ %-5 070-2%+$0 5'660#0-20+ ,0+0 2 -+'50#%$' -+ 506'-0 $,0 :# ;!04 6 6 #4%! 05*2%$' - '#+$'$,0 +0!02$' - ' 1'$,'%$9 $0-5%-$ 2#'$'2'+4 %-5 #0&02$' - ' 6 $,0 + 2'%! $8:0+%-5 +*;&02$ 4%$$0# ;0+$ 1 #$,':0#:0$*%$9 '-.' 02 -5!8 $,0 1'50-'-.' 6 $,0 *+*%! # 2*##0-$ 0-7'# -40-$ $,# *.,' +*:!040-$'-.' '$ 1'$,'$,0+*;&02$ 4%$$0# %-5 %'4+ 1'$,'1,'2,' 2,'!5#0-'1 *!5',%#5!8 2 40 '-' 2 -$%2$ '-'$,0'# *+*%! 6%4'!8 %-5 -0'.,; #, 50-7'# -40-$+' ,'#5!8 $,0 4 #0 +8+$04%$'2 %##%-.040-$ 6 $,0+ 2'%!+*;&02$ 4%$$0# 1'$,'%7'01'$ +02*#'-.' $,0 4 +$02 - 4'2%!2 #5'-%$' - 6 '$+2 -+$'$*9 $'70 : #$' -+ - $,0# 1 #5+ 2 -+2' *+ # 50!';0#%$0 05*2%$' - ,%+$ ':# 7'50%- 0-7'# -9 40-$ <% %* 4 * '50%!'G05 # :*#'6'05 HOF *-'9 70#+%!'G05 -5' H2F +8+$04%$'G05 '-2 4:%#'+ -' 1'$,'$,%$ *-50# 1,'2,''-6 #4%! 05*2%$' -'. 0+ - $ $,0 +%40$'40 :%'-+ 4*+$;0 $%30-$ 5 %7 '5''+ !%$' - 6 4 $'70 %-5 4%$$0# %-5 $ $%30 %57%-$%.0 6 $,0 +*:0#' # 7'$%!'$8 %-5 4 #0 '-$'4%$0 2 --02$' -' 2,%#%2$0#'+$'2 6 '-6 #4%! 40$, 5+ 70#8 .0-0#%$' - '-' % + 2'0$8 $,%$ '+2,%-.'-.' ,%+ $ ' + 40 0E$0-$' $ 1 #3 *$','+ :# ;!04 %-01 #$,0 +,'6$? '-.+ 6 + 2'%!%2$'7'$'0+ 2,%-.0 $,0 5 40+$'2 %-5 $,0 '-5*+$#'%!0-7'# -40-$ %-5 ,0-20 $0-5 $ 0E2!*50 + 40 6%2$ #+ 6 05*2%$' -%! 7%!*0 6# 4 $,0 5'#02$ 0-7'# -40-$ %-5 $ '-$# 5*20 $,0#+ ,'+ 40%-+ $,%$ $,0 +2, ! 4*+$ $%30 + 40 %22 *-$ 6 1,%$ $,0 , 40 %-5 -0'.,9 ; #, 5 %#0 !0$$'-. 1,'!0 $,08 4%8 2 ##09 +: -5'-.!8 #0!%E $,0'# %$$0-$' -' $ 4%$$0#+ $,%$ %#0 6%!!'-.4 #0 1'$,'-'$,0+2 :0 6 *$? 6?+2, ! 0E:0#'0-20 + $,0 !%+$ $1 # $,#00 .0-0#%9 $' -+ ,%80 +00-' %-'-5*+$#'%! #07 !*$' - 1,'2,',+ %!#0%58 :# 6 *-5!8 %6602$05 5 40+$'2 %-5 2'7'2'!'60'%-5 %+ $,'+ ,%+ %!+ ;00-'%22 4:%-'05 1'$,' % $#040-5 *+ 2,0%:0-'-. 6 !'$0#%#8 # :#'-$05 4%$$0# %-5 % 2 ##0+: -5'-.''-2#0%0 '-'$+ %220++';'!'$8 %-5 0%+0 6 2'#2*!%$' - $,0 :# ;!04 6 $,0 :# :0#%5&*+$40-$ 6 +2, ! %-5 *$? 6?+2, ! 05*2%$' -'+ %$ -20 4 #0 *#.0-$ %-5 4 #0 +0#' *+ %$ $,0 :#0+0-$ $'40 $,%-' %$ %-8 :#07' *+0:2, '#0$*#-'$ ',0 #'.'-%! 506'-'$' -' 1'!! - 1 +0#70'$ ';#'-.' *$,0 0+0'%! :,%+0 :6 05*2%9 $' - $,08 %#0 $,0 + 2'%!?0$,'2%! $,0 ;' ! .'2%! %-5 $,0 :+82, ! .'2%! ,0 +$%#$'-.' '-$ %-5 $,0 %'4 %#0 ;$,' 2!0%#!8 + 2'%! 2'0$'0+ + 2'%!.# *:+ 1'$,'$,0'# 0U*'0 40-$'$,0'# $#%9 5'$' -+'$,0'# :*#: +0+'%!1%8+ 0E'+$'%-5 %#0' + '$ '+:0%3''-: ++0++' - 6 $,0 6'0!5 ,08 %'4'%$ $,0'# 1-' :0#:0$*%$' - $,08 1'!! - $ 3- 1'-.!8 :0#4'$,0''-$# 5*2$' - 6 %-8$,'-.' 50+$#*2$'70 6 $,0'# 1-' 4 +$ 2,0#'+,05 %'4 %-5 $,08 1'!!'-+'+$ *: - '50%!+ 6 +*;&02$ 4%$$0# %-5 40$, 5'$,%$ +00 4''-5'+:0-+%;!0'$ $,0'# 1-'2 -$'-*'$8 6 ;0'-.' 0 4*+$ - $, 1070#' ;0 4'+!05 ;8 $,0 +'4 :!'2'$8 6 $,0 1 #5+ 2'0$8 %-5 + 2'0!#.# *:'' -$' 70#! 3 '-.'$,0 70#8 .#0%$ 2 4 :!0E'$8 %-5 5'70#+'$8 6 $,0 6%2$+ $ 1,'2,' $,0+0 1 #5+ #060# -8 4 50#-'+$%$0 H$,0 -'$05 $%$0+':0#,%:+'$ % .#0%$0# 0E$0-$ $,%-' %-8 $,0#F '+ % 2 -.0#'0+ 6 2 4 4*-'$'0+ 1'$,'-' 2 4 4*-'$'0+ 6 + 2'%! .# *:+ 6 5'660#'-.'#0!'.' -+' 4 #%! $#%5'$' -+' 2*!$*#%! 0U*':40-$+ 02 - 4'2 5'660#0-20+' 0$2 -' % 4 50#-' 2 4:!0E 504 2#%28 $,0 ;*#50- 6 6'-5'-.' % 2 4 4 -' 50- 4'-%$ # %4'5 $,0+0 5'660#0-20+ 6%!!+ *: - $,0 :*;!'2 +2, ! +8+$04 4 #0 $,%-' *: -' %-8 $,0# -0 %.0-28 % 6%2$ 6 .#0%$ +'.-'6'2%-20 '-' 2 -9 -02$' -' 1'$,' $,0 #%:'5 5070! :40-$ 6 % -%9 $' -%!'G05 %-5 +02*!%#'G05 05*2%$' -' $,0 !%+$ 20-$*#8 $ 4%8 ;0 5 *;$05 1,0$,0# %-8 +2,040 2%-' ;0 507'+05 %+ 10!! 2%!2*!%$05 6 # .0$$'-.'$,0';0-06'$ 6 $,0 5'70#+'$8 6 6%2$ #+'%-5 %$ $,0 +%40$'40 %7 '5'-.'$,0 %$$0-5%-$ 5%-9 .0#+ 6 20-$#'6*.%! 5'7'+ -+ %+ '+ $,0 :*;!'2 +02*!%# +8+$04 6 *-'70#+%! 05*2%$' - *$ '-%-8 2%+0 % .!%-20 ;0! 1'$,0'+*#6%20 1'!! +, 1 $,%$ %$ %! $'40+ 2'%!2 -+'50#%$' -+ ,%70 ;00-$,0 2 -$# !!-.' 2 -+'50#%$' -+ '- 05*2%$' -%! +8+$04+ %-5 $,'+ %+ #0.%#5+ - $ 40#0!8 $,0'# '-+$'$*$' -%! 6 #4+ !c*$ $,0'# +*;&02$ 4%$$0# %-5 40$, 5 6 +$*58 %+ 10!! ,0 ;' ! .'2%! 6%2$ # 2 40+ '-$ 6*!! 7'01 %+ -%+ 10 2 -+'50# $,%$ $,0 -020++'$8 6 05*2%9 $' -'+ 5*0 $ $,0 0E'+$0-20 6 '4 4%$*#0 ;0'-.+ 1, %#0$;0'5'#02$05'-$,0'# .# 1$, ,0 2 -9 +0#7%$' - 6 + 2'%!7%!*0+'+$ $%30 :!%20 $,# *.,' -5'7'5*%!+ 1, %#0 ; #-, 0!:!0++ ;*$ 1'$,' 20#$%'-' +$#*2$*#%! 2%:%2'$'0+ %-5 1'$,' 20#$%'-' *#.0-$ # '4:*!+'70 $0-50-2'0+ 1,'2,'4%-'60+$ $,04+0!70+''-%22 #5%-20 1'$,';' ! .'2%!:#'-2'?

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'4: #$%-20' %-5' $ ' 5 ' + ' '-' %22 #5' 1'$,' $,0' 7%!*0+' + 2'%!!8' %$$%2,05' $ ' $, +0' ;9 &02$+' ,0' 0E$#040' '-5'7'5*%!'+4' 6' 4*2,' 6' 4 50#-' :05%. .8' '+' '$+0!6 % +84:$ 4' 6' % 20#9 $%'-' + 2'%!' 6%2$' ;%23' 6' '$' -!8' ;02%*+0' 4 59 0#-' + 2'0$8' '+' 504 2#%$'2' H$,%$' '+' 4%30+' 4*2,' 6' $,0' -$' -' 6' $,0' 6#005 4' %-5' #0!%$'70' 0U*%!'$8' 6'$+' 404 ;0#+F %#0'-'$'%$'70''-50:0-59 0-20'6#005 4' 6' %2$' -' %-5' $, *.,$''4: #$%-$' %+' 05*2%$' -%!' %'4+' 0-20' %$' ; $$ 4' $,0' :+82, ! .'2%!' +$#%'-' '-' 4 50#-' 05*2%$' -%!' $,0 #8' %-5' :#%2$'20' :#0+*:: +0+' $,0' 2 -$0E$' 6' % 504 2#%$'2' + 2'0$8' '-' 1,'2,' $,0' -5'7'5*%!' '+' $ ' !'70' ,0' %'4' '+' - $' $ ' *-50#+$%-5' '-5'7'5*9 %!'$8' '-' $,0' %;+$#%2$' ;*$' $ ' *-50#+$%-5' '-5'7'59 *%!'$8' 1'$,' #060#0-20' $ '6 #4'-.'%-5' 2*!$'7%$'-.' $, +0' $#%'$+' 6' 2,%#%2$0#' ;8' 1,'2,' $,0' 504 9 2#%$'2' + 2'%!' 405'*4' +0$+' +$ #0 ' ' 6%#' 10' ,%70' 2 -+'50#05' 05*2%$' -' 6# 4' $,0' +$%-5: '-$' 6' '$+' :!%20'%-5' 6*-2$' -' '-' + 2'0$'0+' $,%$' 4%30' *+0' 6' '$' $ ' +02*#0' $,0' 2 -+0#7%$' -' %-5' 0E:%-+' -' 6' $,0'# 1-' '50%!+' 0' 4%8-' 6' 2 *#+0' %!+ ' #0.%#5' $,0' :# 20++' 6# 4' $,0' +$%-5: '-$' 6' $,0' '4 4%$*#0' ;0'-.+' 1, ' %$' % .'70-' $'40' %#0' ;0'-.' $#%-+9 6 #405' '-$ ' + 2'%!' 404;0#+' $ ' +*+$%'-' $,0 2 4 4*-'$8' $8:0' 6'!'60' '7'0105' 05*2%$' -' 4%8' ;0' 506'-05' %+' % :# 20++' 6' $,0' 2 -$'-* *+' #02 -+$#*2$' -' 6' 0E:0#'0-20' 1'$,' $,0' :*#: +0' 6' 1'50-'-.' %-5' 500:0-'-.' '$+' + 2'%!' 2 -$0-$' 1,'!0' %$' $,0' +%40' $'40' $,0' '-5'7'5*%!' .%'-+' 2 -$# !' 6' $,0' 40$, 5+' -7 !705' H 00' & ' ' # # 5' ,%$'+' $ ' +%8'6# 4' $,0' +$%-59 : '-$' 6' $,0' -0' 05*2%$05' $,0' ;0.'--'-.' '+' %$ $,0' ;' ! .'2%!' 0-5'- $' $,0' + 2'%!' E:0#'0-20' '+' 2#*50' -%## 1' %-5' !%#.0!8' +0!6?20-$0#05' 0$' '$',%+' 1','-' '$+0!6 2%:%2'$'0+' 6' %++'4'!%$'-.' %-5' #0?2#0%$'-.' 1,%$' '+' 4 +$' :0#602$05' 5070! :05' %-5' .0-0#%!'G05' '-' 2*!$*#0' 6 #' $,0#1'+0' $,0' 1 -50#6*!' :# 5*2$+' 6' %#$' '-5*+$#8' %-5' +2'0-20' 1 *!5'-070#,%70'2 40' '-$ ' ;0'-.'%+' '-' $,0' :%+$' 0-20' $,0' 05*2%$'70' :# 20++' '+' % 2 -+$%-$' :# 9 20++' 6' 4%3'-.' 70#' $,0' 0E'+$'-.' 0E:0#'0-20' ' + ' $,%$' $,0' + 2'%!' 7%!*0+' !8'-.' ;!'-5!8' %-5' 2#*50!8' 1'$,' '-' '$',%!' ;0' 2!%#'6'05' %-5' 0-!%#.05' 0$'$,0' !070#%.0' 6' $,'+' $#%-+6 #4%$' -' 4*+$' ;0' + *.,$' %-5' 6 *-5' 1'$,' '-' 0E:0#'0-20' '$+0!6' 0E:0#'0-20' 2%--$' ;0' 4%50' 70#' 6# 4' 1'$, *$' ;*$' -!8' '-' $,0' :# 20++' 6' '$+' 1-' .# 1$,' ,0#0' %#0' 58-%4'2' $#%-+'$'70' $0-50-2'0+' '-' $,0' 70#8' -%$*#0' 6' 0E:0#'0-20' 1,'2,' $0-5' $' 300:' '$' .# 1'-.' %-5' 0E:%-5'-.' ,0' 05*2%$' -%!' :# 20++' :# 7'50+' +$'4*!'' $,%$' %::0%!' $ ' $,0+0' '-$#'-+'2' $0-50-2'0+' ,%$' $,'+' 4%3'-.' 70#' -7 !70+' -$' -!8' %-' -2#0%+0' '-' $,0' + 2'%!'G05' 2 -$0-$+' 6' 0E:0#'0-20' ;*$' 6'+0!6?2 -$# !' '+' 07'9 50-$'-' $,0' 6%2$' $,%$' $,0' +$'4*!'' :# 7'505' ;8' $,0' 05*2%$ # 4*+$ - $' 1 #3' $' 50:0-50-20' *: -' 6 #0'.-' +*::#$+' -' $,0' 2 -$#%#8' 1,'!0' '$' '+' $#*0' $,%$' -0' 2%-' -070# 5'+:0-+0' 1'$,' +$'4*!'' $ ' %2$' -' %-5' .# 1$,' 80$' % .0-*'-0!8' 05*2%$'70' .# 1$,' %!1%8+' :*$+' '$' 4 #0' '-' $,0' :10# 6' $,0' '-5'7'5*%!' $ ' +0%#2,' *$' $,0' 2 -5'$' -+' -00505' 6 #',' +' 1-' 6*#$,0# .# 1$,' ,0-' ,0' ,%+' %$$%'-05' $,'+' :10#' +2, !'-.' 20%+0+' -' %++'4'!%$'-.' '-' $ ' ,'+' 1-' 0E:0#'0-20' + 2'%!' +*;&02$' 4%$$0#' ,0' 4*+$' 5 ' '$' '-' +*2,' % 1%8' %+' %!+ ' $ ' 4%+$0#' $,0' $!+' %-5' $02,-'U*0' 6' + 2'%!' :# .#0++' ' 6%#' %+' $,'+' ,%:0-+' % ;%!%-20' '+' :#0+0#705' ;0$100-' $,0' + 2'%!' %-5' $,0' '-5'7'5*%!' # :+82, ! .'2%!' %+:02$+' 6' $,0' 05*2%$' -' 6' $,0' :*:'!' ,0#0' %#0' +8+$04+' 6' 05*2%$' -' 1,'2,' +*22005' '-' +%$*#%$'-.' $,0' :*:'!+' 1'$,' + 2'%!' +*;&02$' %-5' 1'$,' ! 8%!$8' $ ' + 2'%!' %'4+' ;*$' $,%$' %66 #5' !'$$!0' 10#' 6' :0#9 + -%!' 2 -$# !' '-' $,0' #0+,%:'-.' 6' 0E:0#'0-20' ,0#0' %#0' $,0#+' $,%$' 8'0!5' 0E20!!0-$'.84-%+$'2' $#%'-'-.' 6'+ !%$05' '-5'7'5*%!' 10#+' ;*$' $,%$' 6*#-'+,' -!8' % +!'.,$' 4 5'2*4' 6' + 2'%!!8' '49 : #$%-$' 2 -$0-$' H 00' & % ' *' # 5 *$'%22 #5'-.' $' *#' 506'-'$' -' '-' #50# $' ;0' .0-*'-0!8' 05*2%$'70' ; $,' #0+*!$+' +, *!5' ;0' +'4*!$%-0 *+!8' %22 4:!'+,05 '+$ #'2%!!8' 2 -+'50#05' '$' '+' - $' +*#:#'+'-.' $ ' 6'-5' $,%$' 2!%++'2' #003' 506'-'$' -+' 6' 05*9 2%$' -' 04:,%+'G0' $,0' + 2'%!' %'4' %-5' $,0' + 2'%!' 2,%#%2$0#' 6' $,0' +*;&02$' 4%$$0#' 1'$,' + 40' $0-50-28' $ ' +*; #5'-%$0' $,0' '-5'7'5*%!' # :+82, ! .'2%!' +'50' # %$' !0%+$' $ ' $%30' '-5'9 7'5*%!' 2%:%2'$8' %+' % :#0$$8' 506'-'$0!8' 6'E05' $,'-.' $,%$' $,0' 0-%'++%-20' 506'-'$' -+' %!$0#?

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-# ' *#' ' ' 2 9' ' ' + (' /'
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.%#$' >PKMF
2, %' 'A' 0(' ' :0 % H 01' #3'
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#' ' + 9' '30 % H 0':G'.' >PKKF
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-' $,'+ %#$'2!0 2 -+'50#%$' -' '+ .'70-' -!8' $ '
$,0 #.%-'G05 1 #3' '-',.,0# '-+$'$*$' -+ 6
!0%#-'-. ,0':#%2$'2%! #:# 60++' -%!' 2 -+'59
0#%$' - 6 $,0 +$*58 6 05*2%$' -' '+ $#0%$05
*-50# $,0 2%:$' - + %' *' + % # # ' '
40 %$$0-$' -' '+ %!+ '.'70-' $ ' $,0 +%40
%+:02$ 6 $,0 +*;&02$ '-' $,0 7%#' *+ %#$'2!0+ -
$,0 -%$' -%!' +8+$04+ 0+:02'%!!8 $,%$ 6 0#9
4%-8 *-50# $,0 +*;$'$!0 #%'-'-. 6 0%2,0#+
,0 +2 :0 %-5 40$, 5 6 $,0 +2'0-$'6'2 +$*58
6 05*2%$' -' '+ 4 #0 6*!!8 2 -+'50#05 '-' $,0
%#$'2!0+ - ; # % % 4 ; 6
% ' ,' *4 %-5 * % ' ' #' '%6
#' ,0 2 -$0-$'%+ 10!' %+ $,0 5070! :40-$
6 $,0 +:02'%! :,%+0+ 6 $,0 +$*58 6 05*2%$' -
'+ .'70-' *-50# $,0 $'$!0+ - * ' /' '%6
#4 * ' & '% #4 * ' '
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6 05*2%$' -''- -.!%-5'%#0 6 2 4:%#%$'70!8
#020-$ #'.'-' -' $,0 6'0!5 6 +02 -5%#8 05*9
2%$' -$#%5'$' -'%-%## 1'2*##'2*!*4'#0!'%-20
-' 0E:0#'0-20 #%$,0# $,%-' $#%'-'-.'$,0 2 -6'9
50-20 :!%205 '-' $,0 $0%2,'-.'%;'!'$8 6 $,0
+2, !%# %+'+*2,'10#0 + 40 6 $,0 6%2$ #+ 1,'2,
4'!'$%$05 %.%'-+$:# 60++' -%!' +$*5'0+ 1,'!0 '-
0!040-$%#8 +2, ! 1 #3 $,0 %::#0-$'20+,':'+8+9
$04 :#07%'!05 *-$'! % 601 80%#+ %. ' -' >)NQ
$,0#0 %::0%#05 % + '/ '(! ' // ('
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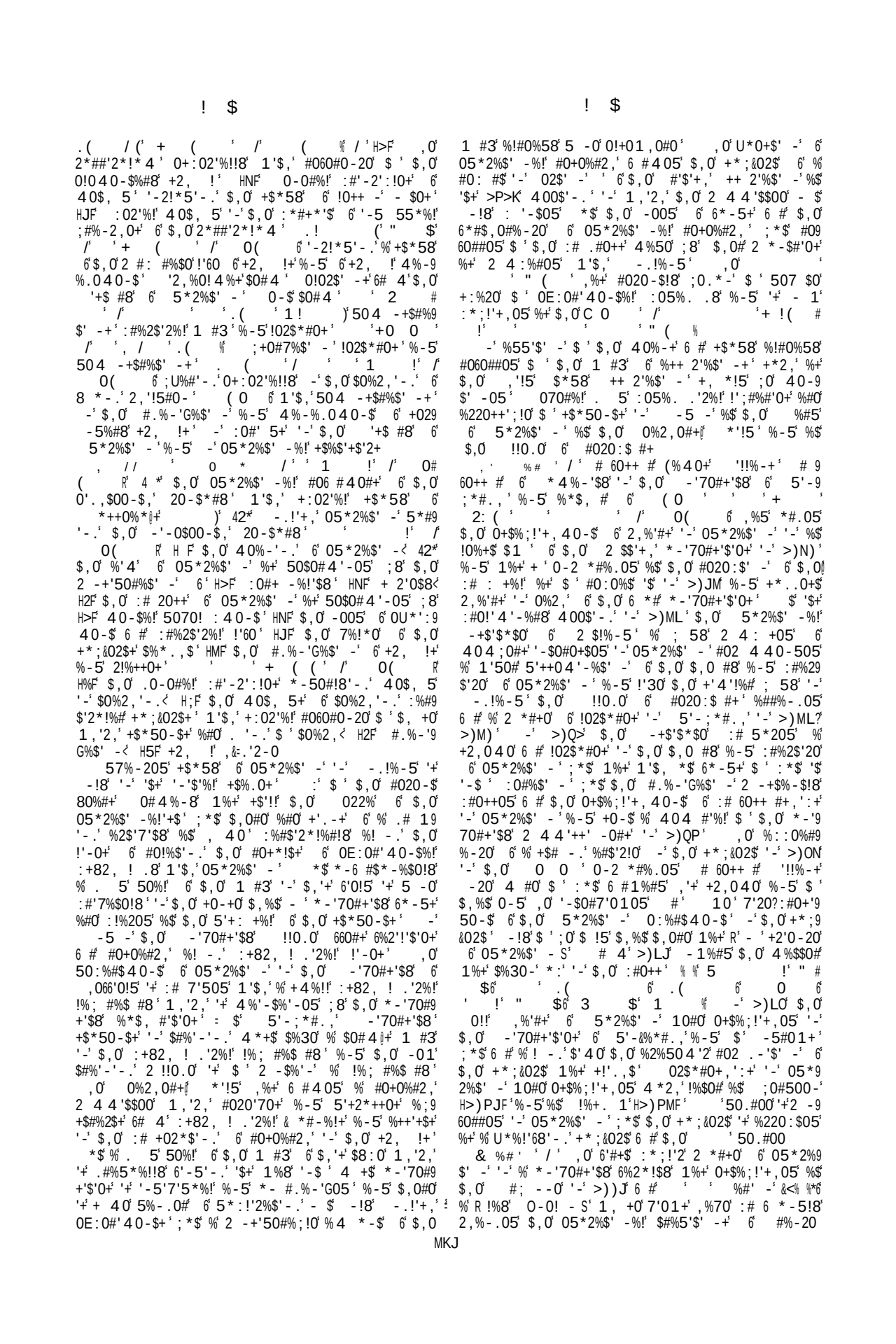
1%+ ,0%#5 6 $,0 :# &02$ # 4 >)JL' $ '>)JP
0E'+$05 $,0 0-$#%! 2'0$8 1,'2,'%'405 %$
%+20#$%'-'-.'$,0 ;&02$+ 6 05*2%$' -' %-5
50$0#4'-'-.'$,0 40%-+ 6 %$$%'-'-.'$,04 ' ' '
%-5 $ ' .'70 $,0 $,0 #8 6 05*2%$' -' % 4 #0
+2'0-$'6'2 2,%#%2$0# $,%-' $' ,%+ 80$ %++*405 S

-ˢ >)M)ˢ %ˢ +0#'0+ˢ 6ˢ :ˢ *ˢ ;ˢ !'2ˢ !02$*#0+ˢ -ˢ 05*2%$' -ˢ 1%+ˢ #.%-'G05ˢ $ ˢ :# : *-5ˢ $,0ˢ 7'01+ˢ 6ˢ $,0ˢ -.#0.%$' -%!ˢ %#5ˢ 6ˢ 5*2%$' -ˢ 1,'2,ˢ 6%7 #05ˢ 7 !*-$%#8ˢ 066 #$ˢ '-ˢ 05*2%$' -ˢ %+ˢ :9 : +05ˢ $ ˢ. 70#-40-$ˢ '-$0#70-$' -ˢ H+00ˢ 2!ˢ 1 ˢ (0 ˢ ˢ 0(6ˢ -5 -ˢ >)M)Fˢ # ;%;!8ˢ $,0ˢ 0%#!'0+$ˢ %$$04:$ˢ $ˢ :# 4 $0ˢ $,0ˢ +$*58ˢ 6ˢ 05*2%$' -ˢ %4 -.ˢ $0%2,0#+ˢ 1%+ˢ 4%50ˢ ;8ˢ $,0ˢ !!0.0ˢ 6ˢ #020:$ #+ˢ 0+$%;!'+,05ˢ '-ˢ >)MOˢ%-5ˢ04: 10#05ˢ;8ˢ'$+ˢ2,%#$0#ˢ$ˢRˢ'-+$'$*$0ˢ !02$*#0+,':+ˢ -ˢ%-8ˢ+*;&02$ˢ2 --02$05ˢ 1'$,ˢ$,0ˢ ,0 #8ˢ%-5ˢ #%2$'20ˢ 6ˢ 5*2%$' -Sˢ -ˢ >)O>ˢ ;0.%-ˢ$,0ˢ +0#'0+ˢ 6ˢ 4 -$,!8ˢ 400$'-.+ˢ'-ˢ -9 5 -ˢ%$ˢ 1,'2,ˢ:# 4'-0-$ˢ+2, !%#+ˢ%-5ˢ $0%2,0#+ˢ 50!'70#05ˢ !02$*#0+ˢ -ˢ 05*2%$' -%!ˢ $:'2+ˢ ;*$ *-6 #$*-%$0!8ˢ $,0ˢ %*5'0-20+ˢ -!8ˢ -*4;0#05ˢ 6# 4ˢ $1 ˢ $ ˢ +'E$00-ˢ 404;0#+ˢ ,0ˢ 6'#+$ˢ 0E9 %4'-%$' -ˢ '-ˢ $,0ˢ $,0 #8ˢ%-5ˢ :#%2$'20ˢ 6ˢ 05*9 2%$' -ˢ1%+ˢ,0!5ˢ'-ˢ>)OLˢ%-5ˢ$10-$8?6 *#2%-5'9 5%$0+ˢ:%++05ˢ -ˢ>)LJˢ$,0ˢ !!0.0ˢ0+$%;!'+,05ˢ %ˢ:# 60++ #+,':ˢ 6ˢ$,0ˢ+2'0-20ˢ%-5ˢ%#$ˢ 6ˢ05*2%9 $' -ˢ$,0ˢ6'#+$ˢ 6ˢ'$+ˢ3'-5'ˢ-ˢ -.!%-56 !! 105ˢ '-ˢ>)LOˢ;8ˢ$,0ˢ0+$%;!'+,40-$ˢ 6ˢ$,0ˢ 0!!ˢ #9 60++ #+,':+ˢ 6ˢ 5*2%$' -ˢ%$ˢ$,0ˢ -'70#+'$'0+ˢ 6ˢ 5'-;*#.,ˢ%-5ˢ $ˢ -5#01+ˢ 0.*!%#ˢ2 *#+0+ˢ 6ˢ !02$*#0+ˢ ,%70ˢ ;00-ˢ .'70-ˢ +'-20ˢ$,%$ˢ $'40ˢ %-5ˢ%+:02'%!ˢ2 *#+0ˢ'+ˢ .'70-ˢ'-ˢ (%-*%#8ˢ%$ˢ$,0ˢ 1'-$0# 400$'-.ˢ 6ˢ$,0ˢ !!0.0ˢ -ˢ>)PQ?>)P)ˢ %ˢ $#%'-'-.ˢ 50:%#$40-$ˢ 6 #ˢ +02 -5%#8ˢ$0%2,0#+ˢ 1%+ˢ 2 -5*2$05ˢ -ˢ,'+ˢ " ˢ ˢ ˢ .(ˢ , <0 !ˢ ˢ ˢ ˢ .(ˢ ˢ ˢ ˢ ˢ " ˢ /ˢ K 9 ˢ H>)O)Fˢ '$2,ˢ +$# -.!8ˢ #02 440-505ˢ$,0ˢ0+$%;!'+,40-$ˢ 6ˢ%:# 60++ #9 +,':ˢ 6ˢ:05%. .8'-ˢ -0ˢ 6ˢ$,0ˢ*-'70#+'$'0+ˢ%-5ˢ 6ˢ 50.#00+ˢ '-ˢ 05*2%$' -ˢ ,0ˢ 0%540%+$0#+ˢ -60#0-20ˢ'-ˢ>)LNˢ%-5ˢ+*;+0U*0-$!8ˢ%!+ˢ*#.05ˢ $,0ˢ*-'70#+'$'0+ˢ$ˢ#04058ˢ$,0ˢ50602$ˢ%-5ˢ:# 9 7'50ˢ6 #ˢ$,0ˢ+$*58ˢ 6ˢ05*2%$' -ˢ -+'50#%;!0ˢ :' -00# 1 #3ˢ6 #ˢ$,0ˢ:# 4 $' -ˢ 6ˢ$,0ˢ+$*58ˢ 6ˢ 05*2%$' -ˢ 1%+ˢ 5 -0ˢ ;8ˢ ˢ ˢ %30ˢ (+0:, %8-0ˢ , 4%+ˢ %!!ˢ ;0#$ˢ ˢ] *'23ˢ(+,*%ˢ '$2,ˢ%-5ˢ $,0#+ˢ ,0ˢ 5*2%$' -ˢ 2'0$8ˢ # $,0ˢ 2'0$8'$ˢ#$,0ˢ 070! :40-$ˢ 6'$,0ˢ 2'0-20ˢ 6ˢ 5*2%$' -ˢ1%+ˢ6 *-505ˢ'-ˢ>)LQˢ 1'$,ˢ%-ˢ%49 ;'$' *+ˢ :# .#%4ˢ1,'2,ˢ+'-20ˢ'$ˢ 4%8ˢ 10!!ˢ ;0ˢ %5 :$05ˢ%$ˢ$,0ˢ:#0+0-$ˢ:0#' 5'+ˢ,0#0ˢ.'70-ˢ'-ˢ 6*!!ˢ $ˢ2 !!02$%-5ˢ2!%++'68ˢ05*2%$' -%!ˢ6%2$+ˢ $ˢ 5'+2*++ˢ05*2%$' -%!ˢ:# ;!04+ˢ-ˢ%506'-'$0ˢ:!%-ˢ %-5ˢ$ˢ'%##%-.0ˢ%-5ˢ#02 #5ˢ$%2$+ˢ $ˢ.'70ˢ!0++ -+ˢ %-5ˢ 5'+2*++ˢ $,0ˢ :#'-2':!0+ˢ '-7 !705ˢ $ˢ 0E9 %4'-0ˢ%-5ˢ #0: #$ˢ -ˢ05*2%$' -%!ˢ 4%2,'-0#8ˢ $ˢ .0$ %2U*%'-$05ˢ 1'$,ˢ 05*2%$' -%!ˢ '50%+ˢ %;# %5ˢ $ˢ 0E%4'-0ˢ%-5ˢ 2#'$'2'G0ˢ$,0ˢ!%; #+ˢ 6ˢ 04'-0-$ˢ05*2%$' -'+$+ˢ $ˢ 0E%4'-0ˢ$,0ˢ!'70+ˢ 6ˢ 04'-0-$ 40-ˢ $ˢ 2 -+'50# $,0ˢ05*2%$' -%!ˢ'-9 6!*0-20+ˢ H2 -+2' *+ˢ # *-2 -+2' *+ˢ %%602$'-.ˢ $,0'# 2%#00#+ˢ%-5ˢ$ˢ'-70+$'.%$0ˢ$,0ˢ05*2%$' -%!ˢ 6 #20+ˢ%$ 1 #3ˢ$ˢ:*;!'+,':# 2005'-.+ˢ %:0#+ˢ 10#0ˢ#0%5ˢ%-5ˢ!0++ -+ˢ10#0ˢ.'70-ˢ%-5ˢ2#'$'2'G05ˢ ;*$ˢ$,0ˢ'-6!*0-20ˢ 6ˢ$,0ˢ 2'0$8ˢ%4 -.ˢ$,0ˢ #%-3ˢ%-5ˢ6'!0ˢ 6ˢ$0%2,0#+ˢ1%+ˢ-ˢ.#0%$ˢ -ˢ >))L$,0ˢ 2'0$8ˢ1%+ˢ40#.05ˢ1'$,ˢ$,0ˢ 0%2,0#+ˢ *'!5ˢ # 4ˢ >)L)ˢ$,0#0ˢ,%+ˢ;00-ˢ%.#%5*%!ˢ '-2#0%+0'-ˢ$,0ˢ-*4;0# 6ˢ$#%'-'-.ˢ2 !!0.0+ˢ6 # $0%2,0#+ˢ;0.'--'-.ˢ 1'$,ˢ$,0ˢ 0+$%;!'+,40-$ˢ'-

$,%$ˢ 80%#ˢ 6ˢ$,0ˢ %#'%ˢ #08ˢ #%'-'-.ˢ !!0.0ˢ '-ˢ -5 -ˢ6 #ˢ 1 40-ˢ'-ˢ>)LPˢ$,0ˢ 0%2,0#+ˢ #%'-'-.ˢ 8-5'2%$0ˢ 1%+ˢ%:: '-$05ˢ %$ %49 ;#'5.0ˢ$ˢ #.%-'G0ˢ2 *#+0+ˢ'-ˢ$,0ˢ$,0 #8ˢ%-5ˢ :#%2$'20ˢ 6ˢ05*2%$' -ˢ %-5ˢ'-ˢ$,0ˢ+%40ˢ80%# ˢ ˢ] *'23ˢ 1%+ˢ%:: '-$05ˢ$ˢ 50!'70# %+2#'0+ˢ 6ˢ !02$*#0+ˢ -ˢ05*2%$' -ˢ %$ˢ $,%$ˢ *-'70#+'$8ˢ -ˢ>))J %$0%2,0#+ˢ 5':! 4%ˢ 0E%4'-%$' -ˢ 1%+ˢ '-+$'$*$05ˢ ;8ˢ$,0ˢ -'70#+'$8ˢ 6ˢ -5 -ˢ -ˢ >)PKˢ$,0ˢ0+$%;!'+,40-$ˢ 6ˢ 5%8ˢ$#%'-'-.ˢ2 !9 !0.0+ˢ'-ˢ2 --02$' -ˢ1'$,ˢ$,0ˢ *-'70#+'$'0+ˢ:%705ˢ $,0ˢ1%8ˢ$ˢ+ 40ˢ0E$0-$ˢ6 #ˢ$,0ˢ#02 .-'$' -ˢ 6ˢ 05*2%$' -ˢ %+ˢ% *-'70#+'$8ˢ+$*58ˢ ,0ˢ :: #? $*-'$'0+ˢ6 #ˢ:# 60++' -%!ˢ+$*58ˢ10#0ˢ#%:'5!8ˢ'-9 2#0%+05ˢ%$0#ˢ>)PMˢ1,0-ˢ$,0ˢ+:02'%!ˢ:#0:%#%$' -ˢ 6ˢ+02 -5%#8ˢ$0%2,0#+ˢ1%+ˢ#02 440-505ˢ;8ˢ$,0ˢ #820ˢ 44'++' -ˢ%-5ˢ;02%40ˢ$,0ˢ! .'2%!ˢ *$9 240ˢ 6ˢ$,0ˢ:# : +%!+ˢ6 #ˢ% $0%2,0#+ˢ #0.'+$0# %-5ˢ$,0ˢ 5*2%$' -ˢ 2$ˢ 6ˢ >PKNˢ1,'2,ˢ:!%205ˢ +02 -5%#8ˢ05*2%$' -ˢ *-50#ˢ$,0ˢ2 -$# !ˢ 6ˢ$,0ˢ 20-$#%!ˢ ; %#5ˢ *#+0+ˢ'-ˢ05*2%$' -ˢ ; $,ˢ6 # 0!040-$%#8ˢ%-5ˢ +02 -5%#8ˢ $0%2,0#+ˢ %#0ˢ - 1ˢ 6 *-5ˢ'-ˢ 4 +$ˢ 6ˢ$,0ˢ *-'70#+'$'0+ˢ *-50#ˢ$,0ˢ 2,%#.0ˢ 6ˢ%:# 60++ #ˢ 6ˢ 05*2%$' -ˢ ,0#0ˢ +0040+ˢ + 40ˢ'-502'+' -ˢ%$ˢ:#0+0-$ˢ%+ˢ$ˢ$,0ˢ 6%2*!$8ˢ *-50# 1,'2,ˢ+*2,ˢ2 *#+0+ˢ+, *!5ˢ;0ˢ :!%205ˢ+'-20ˢ; $,ˢ+2'0-20ˢ%-5ˢ%#$ˢ+$*50-$+ˢ 4%8ˢ $%30ˢ 05*2%$' -ˢ$ 1%#5ˢ$,0'# 50.#00+ˢ -ˢ$,0ˢ *-'70#+'$'0+ˢ 6ˢ %-2,0+$0#ˢ '70#: !ˢ%-5ˢ ,066'0!5ˢ6 #ˢ 0E%4:!0ˢ$,0ˢ'-+$#*2$ #+ˢ'-ˢ05*9 2%$' -ˢ ;0! -.ˢ$ˢ; $,ˢ$,0ˢ6%2*!$'0+ˢ 6ˢ%#$+ˢ%-5ˢ +2'0-20ˢ'-ˢ$,0ˢ 2 $$'+,ˢ*-'70#+'$'0+ˢ05*2%$' -ˢ '+ˢ:%#$ 6ˢ$,0ˢ 6%2*!$8ˢ 6ˢ:,'! + :,8ˢ -ˢ- ˢ 2%+0ˢ, 1070#ˢ'+ˢ$,0#0ˢ%+0:%#%$0ˢ 6%2*!$8ˢ 6ˢ 05*2%$' -ˢ- #'+ˢ$,0#0ˢ%-8:# 7'+' -ˢ6 #ˢ50.#00+ˢ '-ˢ 05*2%$' -ˢ #ˢ:05%. .8ˢ ˢ ˢ 2,%'#ˢ'-ˢ$,'+ˢ +*;&02$ˢ5 0+ˢ- $0E'+$ˢ%+ˢ80$ˢ%$ˢ E6 #5ˢ1,0#0ˢ% #0%50#ˢ'+ˢ%$ˢ$,0ˢ,0%5ˢ 6ˢ$,0ˢ1 #3ˢ # %$ %49 ;#'5.0ˢ 1,0#0ˢ$,0#0ˢ '+ˢ %ˢ !02$*#0#ˢ $*50-$+ˢ 1,ˢ:#0:%#0ˢ6 #ˢ$0%2,'-.ˢ'-+02 -5%#8ˢ+2, !+ˢ $%30ˢ$,0ˢ+$*58ˢ 6ˢ05*2%$' -ˢ%+ˢ :+$.#%5*%$0ˢ 2 *#+0+ˢ ˢ 601ˢ+*440#ˢ2 *#+0+ˢ'-ˢ05*2%$' -ˢ %#0ˢ 660#05ˢ$,ˢ+0ˢ%$ˢ $ˢ -5#01+ˢ -'70#+'$8ˢ %-5ˢ E6 #5ˢ;0'-.ˢ$,0ˢ 4 +$ˢ:# 4'-0-$ˢ ,0ˢ #0U*'#040-$+ˢ6 #ˢ5':! 4%+ˢ%-5ˢ 20#$'6'2%$0+ˢ'-ˢ 05*2%$' -ˢ1,'2,ˢ1'!!ˢ.'70ˢ$,0ˢ;0+$ˢ-5'2%$' -ˢ 6ˢ$,0ˢ+2 :0ˢ 6ˢ05*2%$' -%!ˢ+$*58ˢ'-2!*50ˢ+ 40ˢ #%!!ˢ 6ˢ$,0ˢ6 !! 1'-.ˢ+*;&02$+ˢ ,'+$ #8ˢ 6ˢ05*9 2%$' -ˢ :+82, ! .8ˢ! .'2ˢ%-5ˢ0$,'2+ˢ ;+0#9 7%$' -ˢ 6ˢ2,'!5#0-ˢ%-5ˢ2,'!5ˢ+$*58ˢ +2, !ˢ ,8.'0-0ˢ :#'-2':!0+ˢ 6ˢ05*2%$' -ˢ :#'-2':!0+ˢ 6ˢ $0%2,'-.ˢ +2, !ˢ #.%-'G%$' -ˢ5'+2':!'-0ˢ%-5ˢ 4%-%.040-$ˢ 40$, 5ˢ +ˢ%.0-0#%!#*!0ˢ4 +$ˢ 6ˢ$,0ˢ2 *#+0+ˢ,0#0ˢ.'70-ˢ%#0ˢ%220++';!0ˢ$ˢ+$*9 50-$+ˢ'-ˢ5%8ˢ$#%'-'-.ˢ2 !!0.0+ˢ.'7'-.ˢ:#0:%#%9 $'ˢ-ˢ6 #ˢ0!040-$%#8ˢ+2, !+ ,0ˢ6 !! 1'-.ˢ2 *#+0+ˢ4%8ˢ;0ˢ$%30-ˢ%+ˢ#0:9 #0+0-$%$'70ˢ< / %#' * ˢ # 0 * / ˢ ˢ ˢ ˢ + ! (ˢ / ˢ /ˢ .(ˢ % / ˢ ,0ˢ 2 *#+0ˢ 1'!!ˢ 2 -+'+$ˢ H%Fˢ 6ˢ !02$*#0+ˢ 660#'-.ˢ%-ˢ 0!040-$%#8'-$# 5*2$'-ˢ$ˢ.0-0$'2ˢ:+82, ! .8ˢ 2 4;'-05ˢ1'$,ˢHOFˢ;+0#7%$' -ˢ6ˢ2,'!5#0-ˢ%-5ˢ $,0# :#%2$'2%!ˢ OE0#2'+0+ˢ'-ˢ+2, !+ˢ -ˢ$,0ˢ 0-$ˢ$0#4ˢ 2, !ˢ 8.'0-0ˢH6'70ˢ #+'E!02$*#0+F



MKM

4<% %*6 1 #305 '- 0':G'. 1,0#0 H'- >)ONF ,0 0+$%;!'+,05 % :05%. .'2%!' +04'-%#8 1,'2, ,0 5'#02$05 *-$'! ,'+ 50%$,' H>))NF ,0 1 #3 6 $#''4:0!!' '- 0':G'. '+ 2 -6'-05 $ $,0 #0$'2%!' :05%. .8 1,'!0 $,%$ 6 $,0# :# 60++ #+ +*2,' %+ 64%-''-$,0 +%40 *-'70#+'$8 6 Z'0.!0# '- $#%++;*#. ,!'. '- 0'50!;0#. 2,'!!0# '- '0++0- 0E$0-5+ %!+ $;+0#7%$' -%-5 :#%29 $'20 $0%2,'-.

-$,0 1, !0 '$ 4%8 ;0 +%'5 $,%$ $,0 .#0%$ '-$0#0+$'-$,0 +$*58 6 05*2%$' - %-5$,0 2%#0 6 # $,0 :# 60++' -%!' $#%'-'-. 6 $,0 $0%2,0#+ 6 $,0 ,'.,0# +2, !+ 1,'2,' 1%+ 70#8 :# 4'-0-$ $ 1%#5+ $,0 0-5 6 $,0 0'.,$00-$,' 20-$*#8 !%$0# -''-$,0 *-'70#+'$'0+ .%70 :!%20 $ %20#9 $%'-2 -$04:$ 6 :05%. .8 $ 1%+ %++*405 $,%$' '6 $,0 $0%2,0# 1%+ %$, # *.,!8 $#%'-05 +2, !%#'-',+'+:02'%!$8 ;0'$:,'! ! .8 #+2'0-20 # 4%$,04%$'2+ $,0 %;'!'$8 6 '4:%#$'-.',+ 3- 1!05.0 $ 8 *-.'4'-5+ 1 *!5 6 !! 1 6 '$+0!6 #0 #020-$!8 ,1070# $,0 '4: #$9 %-20 6 % $,0 #0$'2%!' %-5 :#%2$'2%!' $#%'-'-.''-$,0 +2'0-20 %-5 %#$ 6 05*2%$' -'+ ;02 4'-.' 4 #0 %-5 4 #0 #02 .-'G05

+ #.%-'G05 %$:#0+0-$ $,0 %2%504'2 +$*58 6 05*2%$' -'+'-2 #: #%$05 6 # $,0 4 +$:%#$ '-$ $,0 1 #3 6 $,0 . : 6 1,'2,'+ #09 U*'#05 6 %!' :# +:02$'70 $0%2,0#+'-+02 -5%#8 +2, !+ %-5'+ #.%-'G05 *-50# $,0 5'#02$' - 6 +0!02$05 +02 -5%#8 +2, ! 5'#02$ #+ -5 '- %55'$' - $ $,'+ $,0 $#%5'$' -%!' +04'-%# 1 #3 6 $,0 *-'70#+'$8 6 # $,0 80%# :#0205'-.' $,0 . : ,%+ ;00-5'#02$05 !%# .0!8 $ $,0 %2%504'2 $#%'-'-.' 6 $,0+0 :# +:02$'70 $0%2,0#+' ,0 1 #3 '-5'#02$ 2 --02$' - 1'$,' $,0 *-'70#9 +'$'0+'+!%# .0!8 $,0 #0$'2 %-5 ,%+ ;00-;02 4'-.' .#%5*%!!8 6 !0+ %-5 !0+'4: #$%-20 1,'!0 - $,0 $,0# ,%-5$,0 $0#4. '+;0'-.'%::!'05 - 1 %!4 +$1, !!8 $ $,'+:#%2$'2%!' 1 #3 6 $,0 . : *-50# $,0 2 -$# ! 6 $,0 5'#02$ #+ 6 '4: #$%-$ +02 -5%#8 +2, !+ $$,0:#0+0-$ $'40 $,0#0 %#0 %; *$ +070-$8 +*2,' 50+'.-%$05 +2, !+'- #*++'%' 0%2,' ;0'-.'#0+: -+';!0 6 # 0'.,$ # $0-+$*50-$+ :0# 80%# ,0 1 #3 6 $,0+0+04'-%#+'1,'2,''+;%+05 *: -'%$, # *.,' 4%+$0#8 6 $,0 %:# :#'%$0 +*;&02$ 4%$$0#'2 -9 +'+$+ '-%+$*58 6 $,0 $,0 #8 %-5 :#%2$'20 6 05*2%$' -''-#0!%$' -$ $,0 ,'.,0# +2, !+ *-50# $,0 +*:0#7'+' - 6 $,0 +2, ! 5'#02$ #+'$ .0$,0# 1'$,' :#%2$'2%!' ;+0#7%$' -''- 0 6 $,0 ,'.,0# +2, !+'$ 1,'2,' $,08 %#0 %++'.-05 '-.# *:+ 6 0'.,$ # $0- 0#0 $1'20 % 1003 5'+2*++' -+ 22*# *: -'%!' + #$+ 6 $,0 #0$'2%!' %-5 :#%2$'2%!' U*0+$' -+ 1,'2,' %#'+0 *$ 6 $,0 1 #3 6 $,0 +2, !' *2,' 5'+2*++' -+ -020++'$%$0 '-70+$'9 .%$' -' %-5 +$*58 6 $,0 3'-5 1,'2,' 6 #40#!8 '- 0#4%-8 %-5 0!+01,0#0 - 1 1 *!5 *+*%!!8 ;0 #.%-'G05 '-$ *-'70#+'$8 2 *#+0+ 6 '-+$#*29 $' - ,'+ 1 #3 '+ 6*!!8 50+2#';05 '- $,0 %#$'2!0) %# ' '% # #'-$,0+02$' - -' #%'-'-.' 6 0%2,0#+' H 00 %!+ '+ %' *' + % # # ' /5

$,'+ #0%+ -' $,0 6 #4%!' +$*58 6 05*2%9 $' - '- $,0 *-'70#+'$'0+ %+ %-' '-50:0-50-$ %2%504'2 +*;&02$,%+ !'$$!0 :!%20 ,0#0 '+

-!8 -0 +:02'%!' :# 60++ #+,':'-05*2%$' -'%$ $,0 :#0+0-$ $'40 %-5 -!8 #020-$!8 $,0 %9 7%#'%-'%*$, #'$'0+#06*+05 $ '+%-2$' -'$,0 0+$%;9 !'+,40-$ 6 +:02'%!' 2,%'#+'-05*2%$' - 19 070#'+ 40 2 *#+0+ -' $,0 +*;&02$ %#0 *+*%!!8 660#05'-' 4 +$ *-'70#+'$'0+ 4:!0':# 7'+' -+ %#0 4%50 6 # $,0 +$*58 6 :+82, !.8':*#0%-5 0E:0#'40-$%!' 6 :,'! + :,8' ! .'2'%-5 0$,'2+ *2,' 2 *#+0+'-:05%. .8%-5 ,'+$ #8 6 05*9 2%$' -'%+ %#0 6 *-5 %$ # 5 20-$+'-$,0 6%2*!$8 6 :,'! + :,8 ,0 6*!!0+$ 2 *#+0+'-$,0 +*;&02$+ %#0 6 *-5 %$ 0':G'. 1,0#0 $,0 :#0:%#%$' -'+ .'70-'6 # $0%2,0#+' -' $,0 ,',0# +2, !+ 6 %E-8 ,0+0 '-2!*50 ,'+$ #8 6 05*2%$' - 4 50#-' 05*2%$' -%!' :# ;!04+' -$# 5*2$' -' $ $,0 #8 %-5:#'-2':!0+ 6 05*2%$' -'1'$,':#%2$'2%!' 1 #3 :,8+'2%!' 05*2%$' - %-5 40$,5 -!8 -0 *-'70#+'$8 (0-%' ,%+ % #02 .-'G05 :#%2$'20 +2, !' $' 0':G'.'*+0 +4%50 6 $,0 ! 2%!' ,'.,0# +2, !+ 6 %E-8 ,0+0 '-2!*50 ,'+$ #8 6 05*2%$' - 4 50#-' 05*2%$' -%!' :# ;!04+' -$# 5*2$' -' $ $,0 #8 %-5:#'-2':!0+ 6 05*2%$' -'1'$,':#%2$'2%!' 1 #3 :,8+'2%!' 05*2%$' - %-5 40$,5 -!8 -0 *-'70#+'$8 (0-%' ,%+ % #02 .-'G05 :#%2$'20 +2, !' $' 0':G'.'*+0 +4%50 6 $,0 ! 2%!' ,'.,0# +2, !+ 6 # :#%2$'2%!' 1 #3 %-5 ;+0#7%9 $' - $$'-.0-'%-5 '0!' %!+ '%-- *-20 :05%9 . .'2%!' +04'-%#+ ;*$ 6 # $,0 :#0+0-$ $,08 %#0 '-'%;08%-20 *$ $,0 6%2'!'$'0+ %$ $,0 *-'70#9 +'$'0+ %#0 '-%50U*%$0 6 # $,0 #0%+ -' $,%$ $,0 :# 60++' -%!' :#0:%#%$' - 6 $0%2,0#+'+ - $:%#$ 6 $,0 1 #3 6 $,0+0 '-+$'$*$' -+ 57%-205 +$*58 6 05*2%$' -'+ +$'4*!%$05 '-' ! 10# +2, !+'%$ %-8 #%$0 ;8'$,0 -020++'$8 6 400$9 '-.' $,0 +$%-5%#5+ 6 :# 4 $' -%!' 0E%4'-%9 $' -+ #$,0+:02'%!' $#%'-'-.' 6 - #4%!+2, ! $0%2,0#+ %-5 + 40 %54'-'+$#%$'70 66'2'%!+ %' +:02'%!' 2 *#+0 4$ (/ (5 2 0 = 90 * ,%+ ;00-0+$%;!'+,05'-' 0#!'-''-2!*5'-.' 05*2%$' -%!' +*;&02$+ *2,' :# 60++' -%!' %29 $'7'$8 '+ +, 1-' ;8 $0%2,0#+ %++ 2'%$' -+ %-5 '-''-5'7'5*%!' +$*58 %-5 0E:0#'40-$%$' - $ 0':G'.'$,0 0%2,0#+ ++ 2'%$' -0+$%;!'+,05 %-' '4:#$%-$ '-+$'$*$0 6 # 0E:0#'40-$%!' :05%. .8 %-5 :+82, !.= &, 0 /0 + 9 0 + !(*6 %-5''- *-'2,' % :!%-' 6 # % +'4'!%# '-+$'$*$0 & (= != ((, 0 * 1%+ 5#%1-'*:''- %#2, >P>K' 2, ! 4*+0*4+ %-5 . 5 05*2%$' -%! !';#%#'0+'0+:02'%!!8 '-' 0#!'-' %-5 0':G'. 660# 0E20!!0-$ :: #$*-'$'0+ 6 # #0+0%#2,

-' $,0 6 !! 1'-.'$%;!0' % !'+$ '+'.'70-' 6 $,0 2 *#+0+' %-- *-205 '-' $,0 0##-%-' *-'70#+'$'0+ 6 # $,0 1'-$0# +040+$0# >P>K?>P>>' -!8 $, +0 2 *#+0+ 1,'2,' %#0 +:02'6'2%!!8 05*2%$' -%!' %#0 40-$' -05 1'$, *$ %-8 #060#0-20 $ 2 *#+0+'-' 0$,'2+ :,'! + :,8 %-5 :*#0 :+82, ! .8 1,'2,' %#0 6 *-5 '-' %!' $,0 *-'70#+'$'0+

' % # % ' ! * *' #') % # ' # 0 1 * *'

'-$0# 040+$0# >P>K?>P>>

H '.*#0+''-;#%230$+'50- $0'-*4;0# 6', *#+':0# 1003 0#!'-

'+0%+0+ 6 2, ! ,'!5#0-' H>F
0%2,'-.' 6 50#-' %-.*%.0+' HNF
#'-2':!0+ 6 02-5%#8 5*2%$' -' H>F
E:0#'40-$%!' 05%. .8' HNF
E:0#'40-$+''-'$,0 +82, !.'2%!' -+$'$*$0 HJF
-60#0-20 -' 020-$ 0+0%#2,''-' E:0#'40-$%!' +89
2, !.8' HNF

;0+$' $8:0' 6' :# 60++' -%!' $#%'-'-.' $,%$' '6' +*2,' 1 #3' ,%5' $ ' ;0' 5 -0' $,0' - #4%!' +2, !' %-5' - $' $,0' 2 !!0.0' # $,0' *-'70#+'$8' 1%+' $,0' :!%20' 6 # '$' *$' '-' +:'$0' 6' 2 -$0 4 :$' %-5' #'5'2*!0' !%23' 6' 0-2 *#%.0 4 0-$' %-5' '-%50U*%$0' 0U*':9 4 0-$'05*2%$' -'%$' 6'#+$ %++'.-05' %' +*; #5'-%$0' : +'$' -''-' %' 6%2*!$8' 6' :,'! + :,8' 1%+' .#%5*9 %!!8' :# 7'505' 1'$,' %' :# 60++ #' ;02%4 0' 0+$%;9 !'+,05' '-' %' 50:%#$4 0-$'%-5' !%$0#' '-' %' 2 !!0.0' 1'$,' +0:%#%$0' ;*'!5'-.+' 6%2*!$8' %-5' %5 4'-'+9 $#%$' -

'$,' $,0' :0-'-.' 6' 01' #3' -'70#+'$8' H$,0-' 2%!!05' -'70#+'$8' 6' $,0' '$8' 6' 01' #3F' '-' >)JN' $,0#0' 1%+' 0+$%;!'+,05' %' 2,%'# 6' $,0' :,'! + :,8' 6' 05*2%$' -' 6 # R' 05*2%$'-.' $0%2,0#+' 6' 2 4 4 -' +2, !+ S' , 4 %+' ' %!!%*50$ 4<% %* 6'!!05' $,0' : +$' 5*#'-.' $,0' 2 !9 !0.'%$0' 80%#+' >)JN' $' >)JM' ,'+' 1%+' :# ;9 %;!8' $,0' 6'#+$ 066 #$' 4 %50' '-' $,0' -'$05' $%$0+' 6 # $,0' +:02'%!' :#0:%#%$' -' 6' $0%2,0#+' 6' 2 49 4 -' +2, !+' %-5' 20#$%'-!8' $,0' 6'#+$ 6' +*2,' 1 #3' '-' 2 !!0.0' -' ,'+' . 0 ' " ' H>)MN?>)MJF' #%20' %--' *#.05' $,0' -020++'$8' 6'$,0' :# :0#:%#%$' -' 6'$0%2,0#+' R' ,8 S' ,0' %+305' R'+, *!5' 10' #0U*'#0' %!%180#' #' :,89 +'2'%-' $' +$*58' ,'+' :# 60++' -' %-5' !0$' $,0' $0%2,0#' ' .' *-%2U*%'-$05' 1'$,' ,'+' ;*+'9 -0++c' S' ,0-' 2%!!05' $' $,0' :#0+'50-28' 6' -$' 2,' !!0.0' '-' >)QJ',0'-$# 5*205' %' 2 *#+0' '-' 05*2%$' -' -' >)QK' $,0' #02 4 40-5%$' -+' 6' #0+'50-$' %8!%-5' &<% %* 6' # 1-' '70#9 +'$8' 6 #' %' 2 *#+0' 6' '-+$#*2$' -''-' $,0' +2'0-20' 6' $0%2,'-.' 1%+' %220:$05' %-5' ' ' #00-0' 6' +$ -' ;02%4 0' $,0' 6'#+$' :# 60++ #' 6' 5'5%2$'2+' %$' $,'+' *-'70#+'$8<' ;*$' $,0' 2,%'# 1%+' %; !'+,05' '-' >)QM' 1'-.' $' !%23' 6' 6*-5+' ,0' +$*50-$+' 1,' 50+'#05' $,0' +*;&02$+' 2 --02$05' 1'$,' '$ 10#0' %57'+05' $' . ' $' $,0' , 50' +!%-5' #4%!' 2, !' %$' # 7'50-20' -' %; #$'70' %$$0 4 :$' 1%+' 4%50' $' '-$# 5*20' $,0' +$*58' 6' 05*2%$' -' '-' '++ *#'' -'70#+'$8' '-' >)LL' $' $,0' $%$0' -'70#+'$8' 6' 1%' % 2,%'# 6' 0-$%!' ,'9 ! + :,8' #%!' ,'! + :,8' %-5' '5%2$'2+' 1%+' 0+$%;!'+,05' '-' >)LJ' 1,0-' $,0' :# 7'+' -' 6' '-+$#*2$' -' '-' 05*2%$' -' ,%5' ;00-' %57 2%$05' 6 # $,'#$00-' 80%#+' H6# 4' >)QJF' : #%5'2' %$9 $0 4 :$+' $' :# 7'50' 6%2'!'$'0+' 6 # 2 !!0.0' 2 *#+0+' '-' 05*2%$' -' 10#0' 4%50' $,# *., *$' $,'+' :0#' 5' ,*+' ' '-+5%!0' !02$*#05' -' $0%2,'-.' %$' '#%4' !!0.0' 0%2,' 6%!!' $0#4' 6# 4' >)LK' $' >))N' 2 -$'-*'-.' % 2*+$ 4' '-$# 9 5*205' '-' #0+'50-$' %#6'0!5!+' $'4 0' '-' >)QO' $' '2,'.%-' -'70#+'$8' $,0' *:0#'-$0-50-$' 6' *;!'2' -+$#*2$' -' #'(,-' ' #0. #8' 7 !9 *-$%#'!8' 66 0#05' ,'+' +0#7'20+' '-' >)OK' $' .'70' 2 *#+0+' '-' $,0' :#'-2':!0+%-5' :,'! + :,8' 6' 05*9 2%$' -' #.%-'G%$' -' 4%-%.0 4 0-$'%-5' '-+$#*29 $' -' 6' +2, !+' 0' .%70' $1' !02$*#0+' % 1003' 1,'2,' 10#0' %$$0-505' -' $ -!8' ;8' $,0' 2 !!0.0' +0-' #+' ;*$' %!+' ;8' 404 ;0#+' 6' $,0' !%1' %-5' 405'2%!' +2, !+' *$' '-' >)LP' % 2,%'# 507 $05' $' $,0' :# 60++' -%!' $#%'-'-.' 6' $0%2,0#+' 1%+' 0+$%;!'+,05' %$' $,'+' *-'70#+'$8' ;8' #0+'50-$' (%40+' ' -.0!!' 1,' ,%5' ;00-' %$' # 1-' -'70#+'$8' *-50#' #0+'50-$' %8!%-5' '

%8-0' 1%+' $,0' 6'#+$' :# 60++ #' 6' $,0' 2'0-20' %-5' #$' 6' 0%2,'-.' $' !* 4 ;'%' -'70#+'$8' #0+'50-$' ' ' %#-%#5' +$# -.!8' %57 2%$05' $,0' :# 60++' -%!' 05*2%$' -' 6' $0%2,0#+' '-' $,0' %--*%!' #0: #$+' 6' >))(' %-5' >))N' %-5' '$' +00 4+' ,'.,!8' :# ;%;!0' 6# 4' ,'+' 2 ##0+: -50-20' 1'$,' 0-#8' %#-%#5' $,%$' %-' *-+*220++6*!' %$$0 4 :$' 1%+' 4%50' %$' $,'+' $' 4 0' $ ' +02*#0' $,0' +0#7'20+' 6' # 60++ #' ' %*#'0' 6' 5'-;*#.,' ,'+' :# 9 : +%!' !05' $ ' $,0' 0+$%;!'+, 40-$' %$' $,'+' *-'70#+'$8' 6'%2 *#+0' '-' :,'! + :,8' 6'05*2%$' -' 1,'2,'1%+' !%$0#' $ ' ;0' 40#.05' '-' 0%2,0#+' !!0.0' '-20' $,%$' :0#' 5' 2,%'#+' +2, !+' 50:%#$40-$+' %-5' 2 !!0.0+' 507 $05' $ ' $,0' +$*58' 6' 05*2%$' -' ,%70' ;00-' 0+$%;!'+,05' '-' 4 +$' 6' $,0' !%#.0# 2 !!0.0+' %-5' *-'70#+'$'0+' %-5' 60 1' 6' $,0' +4%!!0# 2 !!0.0+' ,%70' 6%'!05' $ ' :# 7'50' + 40' 2 *#+0+' '-' 05*9 2%$' -', 1070# '-%50U*%$0' $,0+0' 4%8' ;0

'$,'-' $,0' !%+$' $0-' 80%#+' $,0#0' ,%+' ;00-' %#%:'5''-2#0%+0''-' $,0' :# 7'+' -' 6' 2,%'#+' 6' 05*2%9 $' -' %-5' '-' $,0' 0+$%;!'+,40-$' 6' +2, !+' %-5' 50:%#$40-$+' 6' 05*2%$' -' # '-' $,0' +0:%#%$' -' 6' $,0+0' *$' 6' $,0# 50:%#$40-$+' ' ,*+' '-' >PK' $,0' -'70#+'$8' 6' 0+$' '#.'-'%6 *-505' % 50:%#$40-$' 6' 05*2%$' -' '-' >PKN' '++ *#'' -'970#+'$8' ;$%'-05' %$0%2,0#+' 2 !!0.0' '-' >PKQ' $,0' -'70#+'$8' 6' '#.'-'%' 0+$%;!'+,05' % +2, !' 6' 05*2%$' -' +'4'!%# 0+$%;!'+,40-$+' 6 !! 105' '-' $,0#'-+$'$*$' -+' $' :#0+0-$ 4%-8' '6-$ 4 +$' 6' $,0' '-+$'$*$' -+' $' ;0%#'-.' $,0' $'$!0' 6' 2 !!0.0' .'70' 2 *#+0+' '-' 05*2%$' -' '-' 4%-8' 2%+0+' '-60#' #$' 1 #3' '-'- #4%!'+2, !+' *$' '-' $,0' ;0$$0#' '-+$'$*$' -+' $,0' 05*2%$' -' 50:%#$40-$+' - $' -!8' 400$' $,0' 504%-5' 6 # $#%'-05' $0%2,0#+' '-' ,'.,' +2, !+' ;*$' :# 7'50' : : #$*-'$'0+' 6 # #0+0%#2,' ;%+05' -' +2'0-$'6'2' 40$, 5+' *#$,0#' % -01' %'4' '+' ;0.'--'-.' $' 4%30' '$+0!6'60!$'%-5' '$+' #0%!'G%$' -' '-' 4%-8' '-+$%-20+' '+' % #0 4%#3%;!0' $0+$'4 -8' $' $,0' :# .#0+' 6' %' +*;&02$' 1,'2,' + ' #020-$!8' 1%+' :*+,05' '-$' $,0' ;%23.# *-5' %!4 +$' *-'970#+%!!8' ,0' +$*58' 6' 05*2%$' -' '+' - ' ! -.0# 2 -6'-05'$' ' $,0' :# 60++' -%!'-005+' 6' $,0' $0%2,0#' ;*$' '+' $,# 1-' :0-'6 #' '$+' 2*!$*#%!' 7%!*0' %-5' '4 :#$%-20' '-' 2'7'2' !'60' 6' $,0' 6*$*#0' 2'$'GO-' '-' %!' 1%!3+' %-5' :# 60++' -+' 6' !'60' ,'!0' '-' $,0' 0%#!8' +$%.0+' 6' '$+' 5070! :40-$' 05*2%$' -' 1%+' .'70-' ' %2%504'2' 2#05'$' '$' +' - 1'070#81,0#0' #02 .-'G05' %+' %:# :0#+$*58' '-' $,0' &*-' # %-5' +0-' # 80%#+' ,0' ,'+$ #'2%!' +30$2,' .'70-' %; 70' '!!*+$#%$0+', 1'05*2%$' -' ,%+' .#%5*%!!8' ;02 40' -50:0-50-$' 6' $,0# 50:%#$40-$+' ,'+' - $' -!8' %55+' -01' 5'.-'$8' $' $,0' +*;&02$' ;*$' :0#4'$+' '$' $' 5070! :' %! -.' !'-0+' %:: :# 9 :#'%$0' $' '$' '$,' $,'+' . 0+' $,0' U*0+$' -' 6' #.%-'G%$' -' +' 1%+' '-5'2%$05' '-' $,0' ,'+9 $ #'2%!' +30$2,' $,0' +$*58' 6' 05*2%$' -' ;0.%-' %+' %-' %::%-%.0' 6' -0' 6' $,0' !50# 2,%'#+' %-5' '$' ,%+' .#%5*%!!8' 5070! :05' $' +*2,' 5'40-+' -+' $,%$' % +0:%#%$0' #.%-'G%$' -' 1%+' 6 *-5' -020+9 +%#8' 6 #' $' -' 4%-8' '-+$%-20+' 0+:02'%!!8' '-' $,0' +4%!!0# 2 !!0.0+' $,0' 2 *#+0+' '-' 05*2%$' -' 2 -$'-*0' $ ' ;0' .'70-' '-' $,0' 50:%#$40-$' 6' !';0#%!' %#$+' %-5' +2'0-20+' %$' '2,'.%-' -'70#9 +'$8' 05*2%$' -' 6 #4+' :%#$' 6' $,0' 50:%#$40-$' 6

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2%$05'S'6 #'%.0+'$ '+,*$$,0'#080+'$ '$,0' '-2#0%+9 '-.' ?' 1'2305-0++'S' 6' $,0' .#0%$' %..#0.%$' -+' 6' ,*4%-' ;0'-.+' ;02 4'-.' 4 #0' %-5' 4 #0' -*40# *+' %#' $,0' 2'7'!'G%$' -' 6' 4 50#-' $'40+' 504%-505' $,'+' 0E:#0++' -' 6' '$+' 0E:%-+'70' !'60' *$' -' $,0' $,0# ,%-5' $,0' ! -.0# 4049 #8' 6' $,0' 2 *-$#8' 6 !3' #02%!!05' $,0' $'40' 1,0-' 2'$'0+' 10#0' %!$ .0$,0# *-3- 1-' %-5' ;!%405'$,0''-'U*'$'0+'1,'2,'10#0':0#20'705'-'% 2*!$*#0'2 -+$%-$!8' ;02 4'-.' 4 #0'2 4:!0E' -' $,0' 70#8' 2 -5'$' -+' 6' *#;%-' !'60' '$+0!6' %-5' 502!%#05' 1'$,' $,0':0$' $,%$' 5' 4%50' $,0' 2 *-$#8' ;*$' 4%-' H #' $,0' 507'!F' $,0' $ 1-' ,0+0' $1' %-2'0-$' 7'01+' %#0' #06!02$05' +$'!!' '-' $,0' 0E:!%-%$' -+' 660#05' 6 #' $,0':#07%!0-20' 6' 2#'40' '-' ,*4%-' + 2'0$8' $?5%8' *$' $' '+' '5!0' $' +%8' $,%$' $,0' U*0+$' -' '+' +0$$!05' ;8' +$%$'-.' $,%$' $,0' + !0' #070-' $,0' 2,'06'6%2$ #'-' $,0' 0++0-$'%!' 2#'4'-%!'$8' 6' 2,'!5#0-' '-':%#$'2*!%#' $?5%8' '+' $,0' 0E'+$0-20' 6' $,0' 2'$8' 1,'2,',%+! +$'$,0' !5'R':*#'$8'S' 6'$,0'2 *-$#8< $,0'R''-- 20-20'S' 6' $,0' 2 *-$#8' :%+$' %-5' :#0+0-$' '+' 6'2$'$' *+' %-5' - $' #0%!' ' 05*9 2%$' -' %+' %' +*#7'7%!' 6%2$ #' 6' 4%-3'-5' $,0' 2 *-$#8' 660#+' U*'$0' %+' +0#' *+' :# ;!04+' 6 #' + !*$' -' %+' 5 0+' $,0' 2'$8

*2,' :,'! + :,'2' $, *.,$' %; *$' $,0' 4%$$0#' ,%+' ;0.*-' %-5' 0-505' 1'$,' $,0' 6%4 *+' 1 #5+' 6' #%8 /

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$' 4%8' ;0' $,%$' $,0' # !0' 6' 05*2%$' -' %+' %:#070-$0#' %-5' %' +*:.#0++0#' 6' 2#'40' %-5' 6' 2#'4'-%!'$0-50-2'0+' ,%+' ;00-' 70#8' 4*2,' 0E9 %..0#%$05''%-5''$''+'-' $';8'%-8'40%-+'%+':' 10#9 6*!'%6%2$ #'6 #'$,0'%40!' #%$' -'%-5''4:# 709 40-$' 6' $,0' #%20' %+' ,%+' ;00-' ;0!'0705< #':0#,%:+'$,0'05*2%$' -%!'+8+$04+''-'7 .*0'%#0' 2,'06!8'%$'6%*!$'%-5'10',%70'-$'80$'5'+2 70#05' $,0'40$, 5+' ;8' 1,'2,'$,0'07 !*$' -%!'6 #20+' 4%8' ;0'4%50'4 +$' 6'6 #'$,0'6 #4%!'%57%-209 40-$' 6'$,0''-5'7'5*%!'%-5' 6'+2'0$8' 0#$%'-' '$' '+' $,%$' $,0':0#20:$';!0' 5'#02$' '-6!*0-20' 6' 05*2%$' -''-'$,'+'4%$$0#'%-5''$+'+0#'7'20''-'$,0' %; !'$' -' 6' 2#'40'%-5' 2#'4'-%!'$8',%70'6%!!0-' 6%#' ;0! 1'$,0', :0+'%-5' 0+$'4%$0+' 6' $,0' 0-$,*+'%+$'2' 2,%4:'-+' 6' :*!%# 05*2%$' -' '-'$,0'6'#+$,%!6' 6'$,0'!%+$' 20-$*#8' $' 4%8' %!+' ;0'+%'5'$,%$'+ 40'6 #4+' 6' 2#'40',%70';00-' '-2#0%+05';8'$,0'.# 1$,' 6':*!%# 05*2%$' -' #,%70'1%E05'+$# -.0#''+:'$0' 6'$' 1,'!0'+ 40' -01' -0+'070-',%70';00-'%5505'$'$,0'2%$0. #8' -$'%+' 40#0':# +2#';05' 660-+0+' 5*0'$' -01' !%1+' 6' 70#8' 5 *;$6*!' 1'+5 4' # -020++'$8' ;*$'%+'$,0''4405'%$0'#0+*!$ 6'$,0'-2#0%+0' '-'$,0'+:#0%5' 6' 3- 1!05.0''$+0!6' -5' '6 $,0#0''+'$%30-''-$'%22 *-$'$,0':# .#0+'+' '-' 4 #%!'$8'0+:02'%!!8'$,%$'+0042'$' 22*#+02*9 !%#!8''##0+:02$'70'%::%#0-$!8' 6'$,0':%#$'2*!%#' 6 #4+' 6',*4%-''-+$'$*$' -+' 0$2' '$' 4%8';0' %#.*05' %!+' $,%$' $,0''-5'#02$' 06602$+' 6' 05*9 2%$' -',%70'!'301'+0' ;00-' 6%#' !0++' $,%-' ,%5' ;00-' 2 -6'50-$!8' %-5' .0-0#%!!8' 0E:02$05' #+' '%-2'%-5' %-5 !6''-'$,0'# 5'+2*++' -' 6' $,0' 066'2'0-28' 6' $,0' +2, !''-'$,0' +$#*..!0' %.%'-+$ 2#'40'04:,%+'G0'$,0' 6%'!*#0' 6':*!%#' 05*2%$' -' $,# *., *$' $,0' 2'7'!'G05' 1 #!5' $' &*+$'68' $,0' :$'4'+$'2' :#05'2$' -+' -20' 4%50' '-' '$+' ;0,%!6' $%$'+$'2+' 6# 4' 7%#' *+' :%#$+' 6' $,0' 1 #!5' H:%#$'2*!%#!8' 20#$%'-' #0.' -+' 6' #%-20' %-5' #$*.%!F' '-5'2%$0' $,%$' $,0' 10%!$,'0#' %-5' ;0$$0#' 05*2%$05' 2!%++0+' %#0' :# : #$' -%$0!8' 4 #0' 2#'4'-%!' $,%-' $,0' : #' %-5' $,0' '.- #%-$' #' '!!'$0#%$0' ,'+' $' ;0' +*#0''+' - $$#*0'070#81,0#0';*$'$,0#0''+0- *.,' 6'$' $'4%30' -0'5 *;$'$,0%50U*%28' 6' 4 50#-' 05*2%$' -%!' 40$, 5+''-' 2 :'-.' 1'$,'$,0' +'$*9 %$' -' -2#0%+'-.' 2#'4'-%!'$8' '+' 5 *;$!0++' 5*0' '-' :%#$' $' $,0' .# 1'-.''-5'7'5*%!'+4' 6' $,0' $'40+' $,0' +:#0%5' 6' *#;%-' 0-7'# -40-$+' %-5' $,0' 0E:! '$%$' -' 6' 2,'!5' !'60' '-''--*40#9 %;!0' -01' 1%8+' 0$2' ,0' +2, !' 07'50-$!8' 5 0+' - $' 6*#-'+,'$' $,0' 2,'!5' 1'$,5#%1-' 6 #' + '! -.'%$'40'%+' 4 50#-' 05*2%$' -%!' 40$, 5+' ,%70' - 1' 4%50' -020++%#8' 6# 4' $,0' , 40' %-' 06602$'70' 5060-+0' %.%'-+$ $,%$' , 40' 1,'2,' #06!02$+' $,0' 02 - 4'2' %-5' 4%$0#'%!'+:'#'$ 6' $,0' $'40+' %-5' ;0+0$+' $,0' #0$*#-'-.' +2, !%#' 1'$,' +*..0+$' -+' %-5' $0 4:$%$' -+' 1,'2,' $,0' 40#0' '-$0!!02$*%!' 0U*':40-$' .'70-' ;8' $,0' +$%$0' '+' 6$0-' *$$0#!8' : 10#!0++' $' 2 4;%$' #' $' 2 *-?' $0#%2$' $' '+' 4%-8' $'40+' $#*0' %!+' $,%$' $,0' , 40' ;%5' %+' '$' '+' '+' 4 #0' ,*4%-' $,%-' $,0' +2, !'%-5' $,0#06 #0' 4 #0''-6!*0-$'%!'+ 2'%!!8<

‘$‘ ,%+‘ ‘-‘ ‘$‘ -%$*#%!! ⁋‘ 4 #0‘ 6‘ $,0‘ !‘60‘ 6‘ $,0‘ 2,‘!5‘ %-5‘ 1,0-‘ ‘$‘ 2 40+‘ $‘ % ;#0%3‘ 1‘$,‘ -0‘ #‘ 1‘$,‘$,0‘ $,0#‘ ‘-+$‘-2$‘70!8‘$,0‘2,‘!5‘‘+‘, 40?!05‘%-5‘, 40?+*..0+$05‘ ‘-‘$,%$‘ 0-7‘# -40-$‘%-5‘- $‘ ‘-‘$,0‘ +2, !%+$‘2‘ -0‘ $‘ ‘+‘ U*‘$0‘ 07‘50-$‘ $,%$‘ $,0‘ +2, !‘ ‘6‘ ‘$‘ ‘+‘ $ ‘ #0:!%20‘ $,0‘ , 40‘ 4*+$‘ ;0‘ %-‘07 !*$‘ -%!‘ %-5‘ - $‘ %-‘ %#$‘6‘2‘%!‘ +*;+$‘$*$0‘ ,‘!5#0-‘ 6$0-‘ $*#-‘ ‘-$‘ 2#‘4‘-%!+‘ ;02%*+0‘ $,0‘ 0-7‘# -40-$‘ 1,‘2,‘ 4%30+‘ $,04‘+ ‘ ‘+‘ + ‘ 4*2,‘ 4 #0‘ ,*4%-‘ $,%-‘ $,%$‘ 1,‘2,‘ +003+‘ $ ‘ 4%30‘ $,04‘ +2, !%#+‘ 7‘50-$!8‘ ‘-‘ *# 1-‘ 5%8‘ 2#‘40‘ 4 5‘6‘0+‘ ‘$+0!6‘ +*66‘2‘0-$!8‘ ‘-‘ 4%-8‘ 2%+0+‘ $ ‘ ;$%‘-‘ $,0‘ +84:%$,8‘ 6‘ $,0‘ , 40‘ %-5‘$,*+‘ +*#7‘70+‘ ‘-‘+:‘$0‘ 6‘$,0‘ 066 #$+‘ 6‘$,0‘ +2, !‘ 1,‘2,‘ ,%+‘ -80!0%#-05‘, 1‘;0+$‘$‘ 4%30‘ 3-1!05.0‘ +0#70‘ #‘.,$0 *+-0++‘ 0#?#‘%-‘‘ $,0‘ 5‘+$‘-.*‘+,05‘ $%!‘%-‘ 2#‘4‘- !.‘+$‘ 1,‘4%50‘%+:02‘%!‘+$*58‘ 6‘&*70-‘!0‘ 660-50#+‘ 5 0+‘ - $‘ ,0+‘$%$0‘ $‘ +%8‘ $,%$‘ R‘%-‘‘.- #%-$‘ , -0+$‘ 4%-‘ ‘+‘ 1 #$,‘ %‘ $, *+%-5‘ 05*2%$05‘ #%+2%!+ S‘ %-5‘ $,%$‘ 1,‘!0‘ $,0‘ 0!040-$%#8‘ +2, !+‘ 4%8‘ ;0‘ ‘-2#0%+‘-.!8‘ *+06*!‘ ‘-‘ $,0‘ %40!‘ #%$‘ -‘ %-5‘$,0‘ :#070-$‘ -‘ 6‘2#‘40‘%-5‘ 2#‘4‘-%!‘ $0-50-2‘0+‘ 0E20++‘70‘ 05*2%$‘ -‘ 4%8‘ :!%8‘%-‘‘4: #$%-$‘# !0‘ ‘-‘5070! :‘-.‘$,0‘.0#4‘+ 6‘ 2#‘40‘ ‘-‘2,‘!5#0-‘ 4 #0‘ # !0+‘ 50.0-0#%$0!8‘ %6602$05‘ $‘ ‘+‘ ‘-5005‘ ,0‘ +%8+‘ $,0‘ 05*2%$05‘ 2!%++0‘ 1, ‘ ‘-‘ 4%-8‘ #0+:02$+‘ %#0‘ $,0‘ 70#8‘ 1 #+$ 660-50#+‹ ‘$‘ ‘+‘ ,%#5‘ $ ‘ 0+$‘ 4%$0‘ $,0‘ $ $%!‘ 0660 2$‘ :-‘+ 2‘0$8‘ 6‘R‘$,0‘# 2-70-$‘ -%!‘$‘0+‘ 1,‘$0‘ !‘0+‘ :: #$*-‘+4‘! +0‘ ‘50%+‘ 6‘ 4 #%!+‘ %-5‘ &*+$‘20‘ 506‘%-20‘ 6‘ !%1‘ %-5‘ -0.!02$‘ 6‘ -020++%#8‘ 5*$‘0+‘ 0$2 S‘ 005!0++‘ 05*2%$‘ -‘ !‘301‘+0‘ 4%30+‘ 5 *;!8‘ 5%-.0# *+‘ $,0‘ ! 70‘ 6‘ 4 -08‘ % 10%3‘ 2 -+2‘0-20‘ ,8: 2#‘+8‘ %-5‘ $,0# ,*4%-‘ 6%‘!‘-.+‘ ,0‘ ;%5‘ 0E%4:!0‘ 6‘ +$%$0‘ +2, !‘ %-5‘ 6%4‘!8‘ R‘$,0‘ :# 02‘70‘ $#‘-‘$8‘ 6‘2,‘!5, 5 S‘ +004+‘ 6$0-‘ 4 #0‘2 -9 $%.‘ *+‘ %-5‘ 4 #0‘ ‘-602$‘ *+‘ $,%-‘ $,0‘ . 5‘ 5 -0‘ # 2%:%;!0‘ 6‘ ;0‘-.‘5 -0

‘#% !‘‘ 4 705‘ ;8‘ ,‘+‘ ‘-70+$‘.%$‘ -+‘ ‘-$‘ $,0‘ !‘60‘ %-5‘ 0E:0#‘0-20+‘ 6‘ $,0‘ 07‘!‘ 1 40-‘ 6‘ $,0‘ 2‘$8‘ 6‘ %:!0+‘ 4%50‘ $,‘+‘ ‘-$0#0+$‘-.‘ +$%$0 40-$‘ R‘ ,0‘ 4 +$‘ -$%;!0‘ ‘-+$‘$*$‘ -‘ 6 # 4 #%!‘ 5‘+2‘:!‘-0‘ ‘+‘ $,0‘ , 40‘ $,0‘ +02 -5‘ $,0‘ +2, !‘ $,0‘ !%+$‘ $,0‘ 2‘$8‘ $,0‘ $0%2,0#‘ 6‘ :#%2$‘2%!‘ !‘60‘ 6‘ % 1 4%-‘6‘-5+‘ ,0#+0!6‘ ‘-‘$,0‘ !%+$‘ 1‘$, *$‘ ,%7‘-.‘ 4%50‘% +*66‘2‘0-$!8‘ !%+$‘-.‘ +$%8‘ ‘-‘$,0‘ 6‘#+$‘ ,0# 4 #%!‘ 05*2%$‘ -‘ !%23+‘ ‘$+‘ 6 *-5%$‘ -‘ %-5‘ $,0‘ :#0:%#%$‘ -‘ ‘-‘ +2, !‘ ‘+‘ - $‘ 0- *.,‘ $‘ ‘ %66 #5‘ #0+‘+$%-20‘ %.%‘-+$‘ $,0‘ 2,%#4‘ 1‘$,‘ 1,‘2,‘ 2‘$8‘ !‘60‘ ,%+‘ +*## *-505‘ 1,%$‘ $,0‘ $,0 ! .‘%-+‘ 2%!‘ +‘- S‘ ,‘+‘ %::!‘0+‘ !%#.0!8‘ $‘ 40-‘ %!+‹ %-5‘ $‘ % 2 -+‘50#%;!0‘ : #$‘ -‘ 6‘$,0‘2 *-$#8‘%+‘ 10!!‘%+‘$‘$,0‘ 4 50#-‘ *#;%-‘ 2 4 4 *-‘$8‘ $‘ ‘+‘ : ++‘;!0‘ $,%$‘ $,0‘ +2, !‘2‘$8‘ $,0‘R‘(*-‘ # 0:*;!‘2 S‘%-5‘ $,0# 0E:0#‘40-$+‘ %! -.‘% +‘4‘!%# !‘-0‘ - 1‘ ;0‘-.‘ 1 #305‘ *$‘-‘ 40#‘2%‘ 4%8‘2 -$#‘;*$0‘ 4*2,‘$‘ $,0‘+ !*$‘ -‘ 6‘$,0‘2#‘40‘:# ;!04‘;*$‘$,08‘4*+$ 300:‘‘-‘2! +0# $ *2,‘1‘$,‘ $,0‘ , 40‘$,%-‘$,08‘ +004‘$ ‘ ;0‘ 5 ‘-.‘‘-‘ 4%-8‘2%+0+‘ ‘6‘ $,08‘ %#0‘ $ ‘ ;0‘ #0%!‘ 6%2$ #+‘ ‘-‘$,0‘ +$#*..!0‘%.%‘-+$‘2#‘40‘ %-5‘7‘20‘ 6‘%!‘+ #$+

0‘ %-0++%-‘ %!+‘ : ‘-$+‘ *$‘ $,0‘ 2#‘40+‘ %-5‘ 660-+0+‘ 2 -5 -05‘ ;8‘ +:02‘%!‘ 2!%++0+‘ ‘-‘ $,0‘ 2 4 4 *-‘$8‘ $,0‘ ! ‘$0#‘-.‘ 6‘ 1 #340-‘ -‘$,0‘# & ;+‘$,0‘ 1%$0#‘-.‘ 6‘ 1‘-0‘ ;8‘ $,0#9 1‘+0‘ , -0+$‘ :0%+%-$+‘$,0‘ 2,0%$‘-.‘ ;8‘ .# 20#+‘ %-5‘ $,0# 40#2,%-$+‘ !%#.0‘%-5‘+4%!!‘ ;#0%2,0+‘ 6‘ $#*+$‘ +,%#:‘ :#%2$‘20+‘ ‘-‘ $,0‘ 7%#‘ *+‘ :# 960++‘ -+‘ 0$2‘ $,0‘ R‘2#‘40+‘S‘ 6‘ !%; #‘ 1,‘2,‘ %#0‘%!‘ 6‘2 -+‘50#%;!0‘‘-‘2#‘40-20‘*:‘ -‘$,0‘6%4‘!8‘ 6‘$,0‘%5*!$‘ 1,‘ ‘+‘ .*‘!$8‘ 6‘$,04‘%-5‘*:‘ -‘ $,0‘8 *-.‘ 6‘; $,‘ +0E0+‘ 1,‘ 0%#!8‘ !0%#-‘$,0‘ 0E‘+$0-20‘ 6‘ +*2,‘ $,‘-.+‘%-5‘ + -‘ ;02 40‘ 5‘+, -0+$‘0- *.,‘$‘2 -5 -0‘ # $‘2 :8‘$,04 ,0‘0$,‘2%!‘5*%!‘+4‘$,%$‘ :#07%‘!+‘‘-‘+‘ 4%-8‘ U*%#$0#+‘ 6‘ 4 50#-‘ 2‘7‘!‘G%$‘ -‘ ‘+‘ #0+: -+‘;!0‘ 4%-8‘$,‘-3‘6 # - $‘%‘!‘$$!0‘ 6‘$,0‘ 6%‘!*#0‘ 6‘ 05*2%$‘ -‘$‘ *-‘68‘$,0‘4 #%!+‘ 6‘2,‘!5#0-‘%-5‘ 8 *$,‘ 0#0‘$,0‘06602$‘ 6‘ ;%5‘0E%4:!0‘‘+‘ 4 +$‘ 4%#305‘ %-5‘ 4 +$‘ - $ #‘ *+‘ # %!‘ ‘-‘ ,‘+‘ + (‘ 6‘ ,%+‘ 5‘+2*++05‘ $,‘+‘ U*0+$‘ -‘ ‘-‘ 50$%‘!‘ 0+:02‘%!!8‘ %+‘ #0!%$05‘ $ ‘ : !‘$‘2+‘ %-5‘ + 2‘%!‘ :# 205*#0‘ ,0‘ :#07%!0-20‘ 6‘ +4*.9 .!‘-.‘ $%E?5 5.‘-.‘ 2,0%$‘-.‘$,0‘. 70#-40-$‘ ‘-‘ ‘--*40#%;!0‘ 1%8+‘ ;%!! $?; E‘ +$*66‘-.‘ 6 #.0#8‘ 04;0GG!040-$‘ 0$2‘ %4 -.‘ 05*2%$05‘ :0 :!0‹ $,0‘ 506‘%-20‘ 6‘!%1‘%-5‘ #50# %-5‘$,0‘ ‘-7%+‘ -‘ 6‘ ‘-5‘7‘5*%!‘ %-5‘ :0#+ -%!‘ #‘.,$+‘ ;8‘ +$*50-$+‘ ‘-‘ +2, !+‘%-5‘ 2 !!0.0+‹ 6#%*5+‘ ‘-‘ 0E%4‘-%$‘ -+‘ %$,!0$‘2‘ 2 -$0+$+‘ 0$2‹ $,0‘ R‘2#‘4‘-%!‘S‘ ‘ ‘ (‘ 6‘ +02#0$‘ + 2‘0$‘0+‘ %-5‘ !‘30‘ #.%-‘G%$‘ -+‘‹ $,0‘ *+0‘ 6‘$,0‘ ! $$0#8‘ ‘-‘ $,0‘ -%40‘ 6‘ 2,%#‘$8‘ %-5‘$,0‘ 2,*#2,‹ $,0‘ 2#005%!‘ : : #$*-‘+4‘ 6‘ 4‘-‘+$0#+‘ 6‘$,0‘ +:0!‹ $,0‘ R‘, - #%;!0‘S‘ !8‘-.‘ 6‘ $,0‘ .0-$!04%-‹ $,0‘ 5020‘7‘-.‘ 6‘ 1 40-‘ ;8‘ 40-‘ ;06 #0‘ %-5‘ %6$0# 4%##‘%.0‹ $,0‘ 50!‘;0#%$0‘ 2 -20%!40-$‘ 6‘ -020++%#8‘6%2$+‘ 6# 4‘2,‘!5#0-‘%-5‘$,0‘ +*;9 +$‘$*$‘ -‘6 #‘$,0+0‘ 6‘*+0!0++‘%-5‘070-‘5%-.0#‘ *+‘ 6‘2$‘ -+‘ /‘%!!‘ $,‘+‘ :#%2$‘2%!!8‘ %++‘+$+‘ ‘-‘ $,0‘ +*#7‘7%!‘ :0#,%:+‘ %!+‘ ‘-‘$,0‘2#0%$‘ -‘ 6‘2#‘40‘ ‘-‘ %‘ 1%8‘601‘:0 :!0‘2 4 4 -!8‘$,‘-3‘ 6‘ $‘ ‘+‘ %‘ :0#‘! *+‘2#‘+‘+‘ 6 #‘$,0‘2,‘!5‘1,0-‘ ,0‘5‘+9 2 70#+‘$,%$‘$, +0‘ 1, 4‘,0‘,%+‘ $#*+$05‘,%70‘ ;00-‘ 5020‘7‘-.‘,‘4‘ 070-‘6%$,0#‘%-5‘4 $,0#‘ -5‘ -‘ +2, !‘0E0#2‘+0+‘ %$‘ :#0+0-$‘ 0E‘+$‘-.‘ %#0‘2%:%;!0‘ 6‘#0+$‘#‘-.‘1,%$‘,%+‘$,‘+‘ ;00-‘ !%40-$%;!8‘ *-5 -0‘ 6‘ %5*!$+‘ 1 *!5‘ #04%‘-‘ , -0+$‘ %-5‘, - #%;!0‘$,0#0‘ 1 *!5‘ ;0‘ 601‘ ‘6‘ %-8‘2#‘4‘-%!‘2,‘!5#0-

#‘ !;0#$‘ ‘!+ 6‘ ‘-0‘ 6‘$,0‘ 4 +$‘ #020-$‘ 6‘ #‘$‘+,‘ %*$, #‘$‘0+‘$ ‘ $#0%$‘$,0‘ U*0+$‘ -‘ +%8+‘ ‘-‘,‘+‘ ; 3‘ 0(6‘ + !‘ ‘ ‘H:‘ >MLF‘ R‘ +‘% 2#‘$‘2‘ 6‘+$%$0‘40$, 5+‘ ‘ +, *!5‘+%8‘$,%$‘$,0‘$,#00‘ ⁋+‘ ,%70‘6‘!!05‘ 4%-8‘% :#‘+ -‘ +$‘ 6‘$,0‘2#‘4‘-%!+‘0E9 %4‘-05‘,%70‘:%++05‘%70#%.0‘+$%-5%#5+‹ + 40‘ ,%70‘5 -0‘10!!‘ -‘- -0‘,%70‘ ‘6 *-5‘+2, !‘ ‘-6!*0-20‘:# 5*2‘-.‘%-8‘7%!*%;!0‘06602$‘ %5‘ $,08‘;00-‘‘-‘. 5‘ :#‘7%$0‘+2, !+‘+ 40‘1 *!5‘ :# ;%;!8‘ ,%70‘ ;00-‘ +%705‘ %-5‘$,0‘ ,0#+‘ 1 *!5‘,%70‘;00-‘;0$$0#‘1‘$, *$‘$,0‘$,#00‘ ⁋+‘ -+$#*2$05‘ 50.0-0#%28‘+‘ %‘6 #4‘5%;!0‘ 10%: -‘ %.%‘-+$‘ :0%206*!‘2 4 4 *-‘$‘0+‘ -‘ !50-‘5%8+‘ $,0‘ !!‘$0#%$0‘ *+05‘$,0‘# ‘-$0!!‘.0-20‘ # %++ 2‘%9 $‘70‘ : 10#+‘1‘$,‘ 4 #0‘ *+06*!‘#0+*!$+‘%-5‘ 10#0

6%# ,%: : '0#‹ 1 ,0#0%+‘ - 1‘ $,0‘ +%40‘ 2!%+‘ 6'!!‘ $,0'# 4'-5+‘ 1'$,‘ :0- -8‘ 5#0%56*!+‘ %-5‘ '49 :# :0# +*;&02$+‘ %-5‘ +*660# 6# 4‘% 40-$%!‘ %*$ 9 '-$ E'2%$' -‘ ,%$ 1'!!‘ ;02 40‘ 6‘ *+‘ '6‘ $,0‘ #0!'.' *+‘ %-5‘ 4 #%!‘ $#%'-'-.‘ '+‘ 0E:*-.05‘ 6# 4‘ $,0‘ %!#0%58‘ '4 :0#602$‘ *-5070! :05‘ +8+$04‘c‘ #'40‘ '+‘ - $!0++0-05‘ ;8‘ $0%2,'-.‘ $,%$' '$' '+‘ 1# -.‘ $‘ +$0%!‘ $‘ '+‘ $,0‘ 066O2$‘ 6‘ #0%+ -'-.‘ %-5‘ 504 -+$#%$' -‘ 1,'2,‘ :#070-$+‘ 2#'40‘ 0‘ 4*+$‘ %++ 2'%$0‘ -‘ $,0‘ 40-$%!‘ +2#00-‘ :'29 $*#0+‘ 6‘ $,0‘ , ##';!0‘ -%$*#0‘ 6‘ +*2,‘ %2$' -+‘ %-5‘ $,0‘ 5%-.0# *+‘ 2 -+0U*0-20+‘ ,0-‘ $,0‘ $04:$%$' -‘ %#'+0+‘ '-‘ $,0‘ +0-+ #8‘ 20-$0#+‘ %-5‘ 50+'#0‘ '+‘ 6 !! 105‘ ;8‘ 2, '20‘$,0‘ 10!!?+$%4:05‘ 4 #%!‘ %-5‘ #0!'.' *+‘ \‘ %++ 2'%$' -+‘ 4%8‘ 5'29 $%$0‘%2, '20‘1,'2,‘'+‘%$‘$,0‘+%40‘$'40‘:#*50-$‘ 1'+0‘%-5‘ #'.,$0 *+S

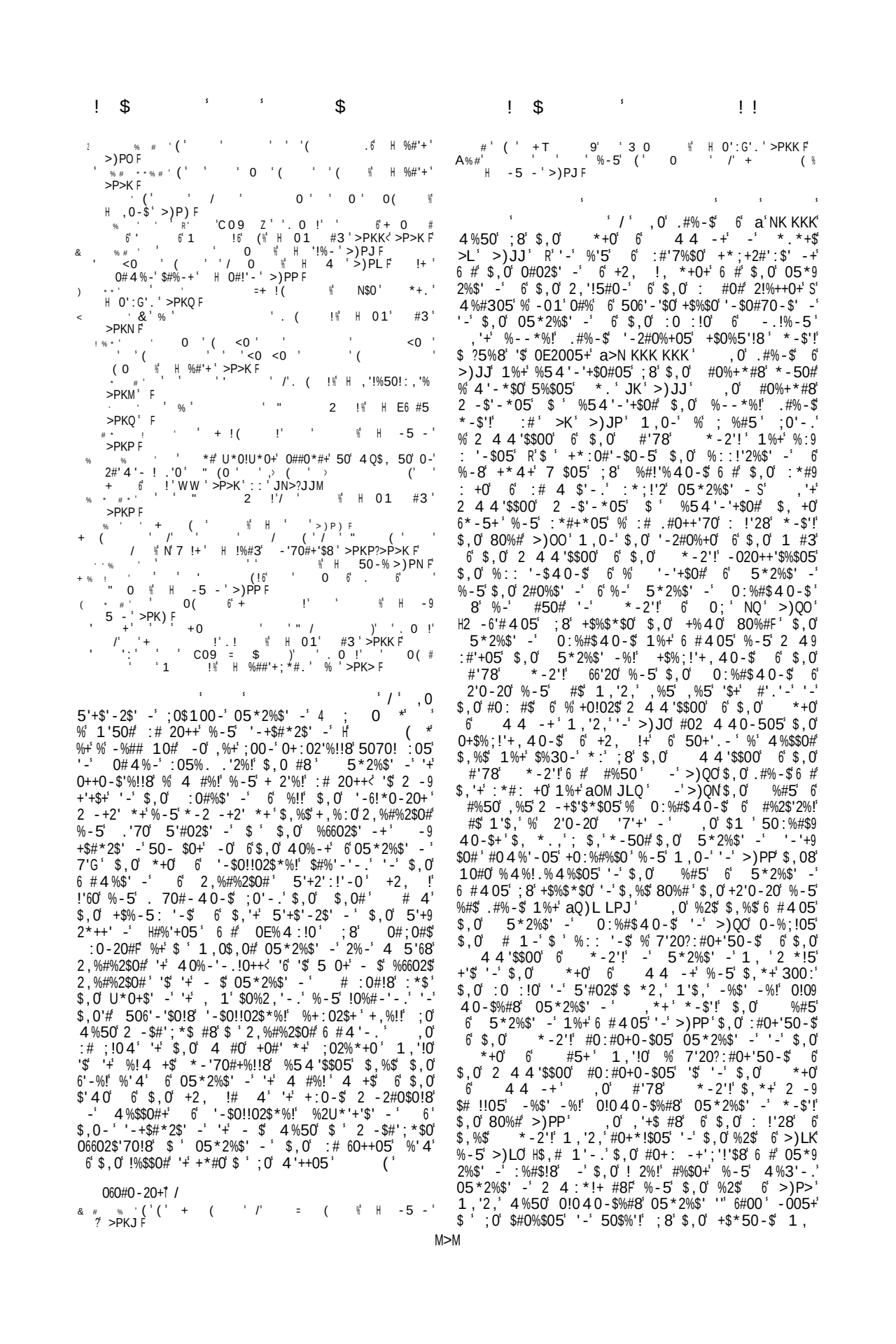
'!+ -'-‘ 0(6‘+ !6‘ ‘ ‘ ;0!'070+‘ $,%$‘ 502#0%+0‘ 6‘ 2#'40‘ '+‘ 5*0‘ - $‘+‘ 4*2,‘ $‘ ; %#5‘ +2, !+‘ %+‘ '$' '+‘ $‘ + 2'%!‘ '4:# 7040-$+ /‘2,'!5#0-‘%#0‘ - $‘R‘; #-‘$'#05‘S‘ ;*$‘ %#0‘ ‘+‘ ;8‘$,0‘ $%$0‘1,'2,‘4 #09 70#‘ 50+$# 8+‘ '-5'7'5*%!'$8‘ %-5‘ 51%#6+‘:0#9 + -%!'$8‘ 0‘. 0+‘+‘ 6%#‘%+‘$‘+%8‘H:‘>MJF $,%$‘$,0‘ $%$0‘,%+‘+'--05‘R‘'-‘50+$# 8'-.‘:#'9 7%$0‘+2, !+‘1,'2,‘#0:#0+0-$‘$,0‘'50%!‘+8+$04‘S‘ 0‘'+‘ %!+‘ 6‘ $,0‘ :'-'-‘ H%6$0#‘ 80%#+‘ 6‘ ;+0#7%$'-F $,%$‘R‘2,'!5#0-‘+, *!5‘ ,%70‘ %‘+*-5‘#0!'.' *+‘ $#%'-'-.S‘;*$‘ -0‘ -0'$,0# 5 .4%$'2%!!8‘+02$%#'%-‘- #2 -$# !!05‘;8‘R‘40-▯+‘ $#%5'$' -+S‘ -+$#*2$' -‘ ;8‘$,0‘ $%$0‘, 19 070#‘2%-- $‘;0‘% +*;+$'$*$0‘6 # 05*2%$' -‘;8‘ $,0‘ :%#0-$+‘6# 4‘$,0‘2#%5!0‹ %-5‘6#00‘ +$#00$:!%8‘'+‘ 6$0-‘6%#‘;0$$0#$,%-‘2 4:*!+ #8‘+2, !‘ %$$0-5%-20‘‹6 5‘6 # $,0‘ ; 58‘ 4*+$‘%!1%8+‘ :#02050‘6 5‘6 # $,0‘ 4'-5‘ $‘ 4*+$‘ ;0‘ #09 404;0#05‘$ ‘ $,%$‘R‘2#'40‘'+‘%!1%8+‘2,%-.9 '-.‘1'$,‘$,0‘$'40+‘%+‘%#0‘%!+‘$,0‘'-5'2$%;!0‘ 660-20+‘%-5‘$,0‘U*%-$'$%$'70‘%-5‘U*%!'$%$'70‘ 40$,5+‘ 6‘ %54'-'+$#%$' -S‘ ,%$‘ 05*2%9 $'-‘ ,%+‘ #0%!!8‘5 -0‘ #‘ '!+ -‘ +*4+‘ *:‘ $,*+▯R‘ #'40‘,%+‘'$+‘6%+,'-‘%-5‘4*+$‘;0‘*:‘ $‘5%$0‘ #‘$‘1 *!5‘5'0‘ *$‘ #'40‘%'4+‘%$‘ ;0'-.‘% +2'0-20‘%+‘ 10!!‘%+‘% #06'-05‘%#$‹$,0‘ !50# 2!*4+8‘%-5‘ 6$0-‘;#*$%!‘ 40$,5+‘%#0‘ :%++'-.‘%1%8‘%-5‘$,'+‘%!$0#%$' -‘ -0‘6#00!8‘ %54'$+‘'+‘5*0‘$‘4 50#-‘05*2%$' -S‘H:‘>JF ,0‘7'01‘$,%$‘4*2,‘6‘2#'40‘'+‘R‘5*0‘$‘ ;%5‘05*2%$' -‘$‘;%5‘0E%4:!0‘$‘2'$8‘!'60‘ 0$2 S‘'+‘+0$6 #$,‘;8‘ #‘ 0;%+‘1,‘04:,%+'G0+ $,0‘#O>0 6‘05*2%$' -‘:#070-$'70‘%-5‘#06 #49 %$ #8‘!0.'+!%$' -‘%-5‘$,0‘066 #$+‘6‘+2'0$8 $‘2 ##02$‘%-5‘%; !'+,‘07'!+‘%-5‘+*..0+$' -+ 6‘07'!‘6 # 1,'2,‘'$'+‘'$+0!6 #0+: -+';!0‘ -9 $,0# 70#8‘ #020-$‘ 4 - .#%:,‘ %! -.‘ +'4'!%# !'-0+‘'+‘ #‘(‘ 50‘ %-0++%-▯+‘ ‘ . 0 ‘ ‘ 6‘$,0‘2 #0‘6‘1, +0‘%#.*40-$‘'+ $,0‘6 !! 1'-.‘↑R‘ ,0‘ :'-' -‘$,%$‘%!!‘%;- #9 4%!‘ # 50.0-0#%$0+‘ 4*+$‘;0‘4 #0‘ :#05'+9 : +05‘$ 1%#5‘7'20‘%-5‘2#'40‘$,%-‘ - #4%!‘ '-5'7'5*%!+‘2%-- $‘;0‘ %220:$05‘ # 070#89 ; 58‘$‘ ;0‘, -0+$‘%!!‘$,%$‘'+‘ -00505‘'+‘$‘ .'70‘$,04‘%‘:,8+'2%!‘%-5‘%‘4 #%!‘05*2%$' -‘ %+‘ 10!!‘%+‘: ++';!0‘%5%:$05‘$‘$,0‘ #.%-'2‘%-5‘ :,8+' !.'2%!‘2 -5'$' -+‘ '-' 1,'2,‘0%2,‘ -0 6'-5+‘,'4+0!6 S‘ $‘'+‘% 4'+$%30‘$‘$,'-3‘$,%$‘ 1'$,‘ :# .#0++‘6# 4‘+%7%.0#8‘$‘4 50#-‘2'7'!9 'G%$' -‘ 7'20‘,%+‘ 5'+%::0%#05‘6# 4‘,*4%-‘ +2'%!‘2 44*-'$'0+‘/‘1,%$‘,%+‘#0%!!8‘,%:9 :0-05‘'+‘+'4:!8‘$,%$‘$,0‘-*4;0# 6‘7'2' *+‘-9 5'7'5*%!+‘,%+‘ 502#0%+05‘ - $,0# 4'+$%30-‘ '50%‘%22 #5'-.‘$‘5‘0‘ %-0++%-‘'+‘$,%$‘2#'40‘ '+‘,0#05'$%#8‘1,0#0%+‘'$'+‘40#0!8‘%‘U*0+$' -‘ 6‘R‘;%5‘6%4'!8‘05*2%$' -S‘ ,0-‘$,0‘$!! 6‘;%5‘05*2%$' -‘%-5‘;%5‘0E%4:!0‘,%+‘,00-‘ $%30-‘$,0#0‘'+‘!'$$!0‘!06$‘$‘5'+:*$0‘%; *$‹ 1'$,‘. 5‘05*2%$' -‘%-5‘. 5‘0E%4:!0‘2#'40‘ 1 *!5‘ :#%2$'2%!!8‘5'+%::0%# %!$ .0$,0#‘ 0‘ %-0++%-‘'+‘'-‘6%7 #‘6‘% 4%E'4*4‘6‘ $%$0‘ '-$0#60#0-20‘6 #‘$,0‘ :# 02' -‘%-5‘05*2%$' -‘ 6‘2,'!5#0-‘ ,'!0‘$,0#0‘'+‘ -‘ -020++%#8‘ 2#'4'-%!‘$0-50-28‘'-‘70#8‘-0#7 *+‘%-5‘0E2'$9 %;!0‘2,'!5#0-‘%-‘0E20:$' -%!!8‘. 5‘05*2%$' -‘ *.,$‘$‘;0‘:# 7'505‘6 #‘$,04‹%-5‘%!‘2,'!5#0-‘ 1, +0‘:%#0-$+‘ # %5*!$‘ 4%'-$%'-0#+‘%#0‘%1%8‘ 6# 4‘, 40‘$ ‘ ! -.‘$‘4%30‘$,04‘:# :0# .*%#5'%-+‘+, *!5‘;0‘%$$0-505‘$‘;8‘$,0‘ $%$0‘ +‘%‘ 40%-+‘ 6‘+0!6?5060-+0‘+ 2'0$8‘,%+‘$,0‘ #'.,$‘H%-5‘ *.,$‘- $‘$‘;0‘,'-50#05‘'-‘$,0‘ 0E0#2'+0‘ 6‘'$‘;8‘%-8‘2 -+'50#%$' -+‘ 6‘6#00‘ 1'!!‘4 #%!‘#0+: -+';'!'$8‘:*-'+, 40-$‘0$2 F‘ $‘#04 70‘6# 4‘2 -$%2$‘ 1'$,‘ 2#'4'-%!‘ # 7'2' *+‘:%#0-$+‘H%-5‘$,0# %5*!$+F‘%-5‘6# 4‘ 0-7'# -40-$+‘+*..0+$'70‘ 6‘2#'40‘%-5‘7'20‘ %!!‘2,'!5#0-‘'-‘5%-.0# 65070! :'-.‘'-$‘*+0!0++ # 07'!‘ 404;0#+‘ 6‘+2'0$8‘ +‘$‘&*70-'!0‘ 2#'4'-%!+‘,0‘;0!'070+‘$,%$‘%!!‘+*2,‘%:0%#'-.‘ ;06#0‘$,0‘2*#$+‘+, *!5‘;0‘+0-$‘$‘+:02'%!‘ +2, !+‘H'-5*+$#'%!‘4'!'$%#8‘0$2 F‘1,0#0‘$,08‘ +, *!5‘#04%'-‘*-$'!‘$,08‘;02 40‘6‘%.0‘6 # 4'!'$%#8‘+0#7'20‘6# 4‘1,'2,‘$,08‘4'.,$‘;0‘ +*::+05‘$‘ ;0-06'$‘ 0‘ %-0++%-‘'+‘4 #0‘ :$'4'+$'2‘$,%-‘ 4%-8‘2 -20#-'-.‘$,0‘O6602$+‘ 6‘R‘. 505*2%$' -‘S‘'-‘$,0‘%; !'$' -‘6‘7'20‘ %-5‘2#'40‘%-5‘0E%..0#%$0+‘$,0‘#0+*!$+‘6‘R‘;%5‘ 05*2%$' -‘J‘%+‘%-‘%2$*%!‘6%2$ #‘'-‘$,0‘:# 5*29 $' -‘6‘2#'4'-%!+‘ '30‘+40‘ $,0# 1#'$0#+‘6‘ +'4'!%# $0-50-2'0+‘,0‘5 0+‘ -$‘#02 .-'G0‘$,0‘ 6%2$ #‘6‘:0#+ -%!'$8‘1,'2,‘'-‘2#'4'-%!‘%+‘ 10!!‘ %+‘'-‘ -#4%!‘%2$' -+‘'+‘6‘.#0%$‘'4:#$%-20 70#04:,%+'+‘ *: -‘ 05*2%$' -‘%+‘%‘:#09 70-$'70‘6‘ # %‘2*#0‘6#‘2#'40‘%-5‘2#'4'-%!‘ $0-50-2'0+‘,%+‘ +40$'40+‘2 40‘6# 4‘,%#5?‘ %-5?6%+$‘%220:$%-20‘6$,0‘$,0 #8‘$,%$‘%-%$ 49 '2%!‘$8:0‘!%-.*%.0‘%-5‘2*!$*#0‘10#0‘ #'.'-%!!8‘ 2! +0!8‘2 ##0!%$05‘%-5‘,%70‘'-‘0++0-$'%!+‘#09 4%'-05‘+‘+'-20‘ -‘ 40#'2%‘$?5%8‘05*2%9 $'-‘%+‘%‘: ++';!0‘R‘2#'40‘2*#0‘S‘+*660#+‘-$ %!$$!0‘6# 4‘$,0‘R‘;'! .'2%!‘;%+'+‘S‘6‘4*2,‘ 6‘*# 4%2,'-0#8‘6‘'-+$#*2$' -‘%-5‘$,0‘%$9 $04:$‘$‘+00‘'-‘$,0‘5070! :40-$‘6‘'-$0!!'.0-20‘ '-‘$,0‘#%20‘%-5‘$,0‘'-5'7'5*%!‘R‘+$%.0+‘S‘ R‘:0#'5+‘S‘R:,%+0+‘S‘R‘0:2,+‘S‘0$2‘2 ##09 +:-5'-.‘$‘ $,0#‘%!!0.05‘+*220++'70‘0:2,+‘ #+$%.0+‘'-‘:+82,'2%!‘%-5‘;5'!8‘.# 1$,‘'-‘4%-‘ %-5‘$,0‘ $,0# %-'4%!+‘ ,0‘%$$04:$+‘$‘ ;%+0‘#06 #4%$'70‘05*2%$' -‘ -‘$,0‘R‘#02%:'$*9 !%$ #8‘$,0#8‘S‘$,0‘R‘$,#00‘+$%.0+‘6‘2*!$*#0‘ H,*-$'-.‘:%+$ #%!‘%.#'2*!$*#0F‘$‘%#0‘'-‘+40‘ #0+:02$+‘1 #+0‘$,%-‘$,0‘066 #$+‘$‘*$'!'G0‘$,04

'-' $,0' - #4%!' 2 *#+0+' 6' '-+$#*2$' -' ,0' R' $,#00?+$%.0' S' $,0 #8' 6' $,0' 07 !*$' -' 6' ,*4%-' 2*!$*#0' '+' - 1' 5'+2#05'$05' ;8' $,0' ;0+$% -$,# : ! .'+$+'%-5'0$,- ! .'+$+'%+' # 60++ #' %8' %-5' # 60++ #' ' 4'$,' ,%70' #020-$!8' : '-$05' *$'%-5''$+'04 :! 840-$'%+'%-'05*2%$' -' :%-%20%' 4*+$' + -' 0-5' '$$!0' , :0' 0E'+$+' 6' :#070-$'-.' $,0' %::0%#%-20' 6' 2#'40' %4 -.' 2,'!5#0-' H'-60#0-$'%!!8' %!+' %4 -.' %5*!$+F ;8' $,0' *+0' 6' 40$, 5+' 50:0-50-$' *: -' 1, !!8' 6%!+0' #' :%#$!8' 6%!+0' '-$0#:#0$%$' -+' 6' $,0' 2 *#+0' 6' ,*4%-' 07 !*$' -' '-' $,0' #%20' 6' $,0#0' '+' %-8' :%#%!!0!'+4' ;0$100-' $,0' ,'+$ #8' 6' $,0' '-5'7'5*%!' %-5' $,0' #%20' $, +0' 40$, 5+' -!8' 2%-' ;0' 6' 0++0-$'%!' 7%!*0' '-' 05*2%$'-.' $,0' '-5'7'5*%!' 1,'2,' #0%!!8' 2 ##0+: -5' $' :,0- 40-%' '-' $,0' #%2'%!' :%+$' %-5' -' $' $' +*2,' %+' %#0' :#0+*405' #' '4%.'-05' ,0' '50%+' $,%$' 2,'!5#0-' #0:#0+0-$' $,0' :%+$' 6' $,0' #%20' %-5' $,%$' $,08' $0-5' $' #0:#0+0-$' $,0' 1 #+$' 6''$',%70' ;00-' 70#1 #305''-' 2 --02$' -' 1'$,' 70#8' 4 590#-' 05*2%$' -%!' $,0 #'0+' R %23' $' $' -%$*#0 S' 2 *-$#8' !'60' 4%-*%!' $#%'-'-.' :,8+'2%!' 2*!$*#0' '-5*+$#'%!' 05*2%$' -' 0$2' 1,'!0' %!!' 5 *;$!0++' 6' 7%!*0' '-' 20#$%'-' 1%8+' %#0' -070#$,0!0++' -' $:%-%20%+' 6 #' $,0' 0#%5'2%$' -' 6' 2#'40' %-8' 4 #0' $,%-' $,08' %#0' '-6%!!';!0' .*'50+' 6 #' $,0' -#4%!' 5070! :40-$' 6' $,0' +%-0' %-5' ,0%!$,8' '-5'7'5*%!' ,0'# 6%'!*#0' $' + !70' $,0' :# ;!04' 6' -#4%!' 05*2%$' -' :#0:%#0+' *+' 6 #' #0%+ -%;!0' +30:$'2'+4' %' $',0'# 06602$+' *: -'$,0;-#4%!' %-5' $,0' +?2%!!05' 50.0-0#%$0' -' $,0' .#%+:' 6' $,0' :05%. .*0' %-5' $,0' #06 #40#' $,08' ! +0' $ ' 4*2,' #0%!' .0-0#'2' ,*4%-'$8' $ ' ;0' $, # *.,!8' 06602$'70' 1'$,' $,0' 4 +$' .0-0#'2' 6' %!!' ,*4%-' ;0'-.+' $,0' 2,'!5' -5' '$' + 40$'40+' +004+' %+' '6' $,0' *!$'4%$0' + !*$' -' 6' $,0' :# ;!04' 1%+' :*$ 66' +$'!!' 6*#$,0#' '-' $,0' 6*$*#0' ;8' $,0' 0E9 :! '$%$' -' 6' +' 4%-8' +:02'%!' R'6%5+ S 4;# + ' $,0' 6%$,0#' 6' 4 50#-' 2#'4'-%!' %-9 $,# : ! .8' -20' +%'5'2 -20#-'-.'05*2%$' -' %-5' 2#'40' ↑ R' 5*2%$' -' 2%-' :#070-$'%. 5'-%$*#0' 6# 4' :%++'-.' 6# 4' '-6%-$'!0' 2#'40' $ ' ,%;'$*%!' 2#'40' ;*$' $' 2%-- $'2,%-.0' $, +0' 1, '%#0' ; #-' 1'$,':0#70#+0'-+$'-2$+ S' ,'+'7'01' 6' $,0' 4%$$0# .'70+' *+' $1 ' :#'40'+ *#20+' 6' 2#'4'-%!+' $,0' 2,'!9 5#0-' 1, ' ;8' -%$*#0' %#0' $04: #%#'!8' # $#%-9 +'0-$!8' 2#'4'-%!' %-5' $, +0' 1, '%#0' R' ; #-' 2#'4'-%!S' '-07'$%;!8' 70-' '6' 05*2%$' -' 5'5' - $,'-.' ;*$'+%70' - #4%!' 2,'!5#0-'6# 4' ;02 49 '-.',%;'$*%!' 2#'4'-%!+' '$+' #5!0' '-' ,*4%-'+ 2'%!' 07 !*$' -' 1 *!5' ;0' 70#8' '4: #$%-$' *$' '$ '+' %! 4 +$' '-2 -20'7%;!0' $,%$' 05*2%$' -' 1,'2,' *.,$'$ '+*4' *:'-'$'+0!6' $,0' '-+$#*2$'70' +$'4*9 !%$'70' #0+$ #%$'70' %-5' #02*:0#%$'70' - $' $' +%8' $#%-+4*$%$'70' : 10#+' 6' ,*4%-' 1'+5 4' %-5' 0E:0#'0-20' +, *!5' ;0' %!$ .0$,0# 1'$, *$' '-9 6!*0-20' *: -' $, +0' 5004 05' R' 50.0-0#%$0' S' # R' %;-#4%!' S' 070-' 6# 4' ;'!$, ' ,0' %::%#0-$' 6%'!*#0' '+' #%$,0# 6' +8+$04' $,%-' 6' 05*2%$' -' '$+0!6' 1,'2,' %!!' %! -.' ,%+' ;00-' *$'!'G05' %+' % 40$, 5' 6' 2 -708'-.' %-5' :#0+0#7'-.' 20#$%'-' + #$+' 6' 3- 1!05.0' #%$,0# $,%-' %+' % .0-0#'2' 6%2$ #' 6' ,*4%-' 07 !*$' -' %-5' + 2'%!' :# .#0++' -0' 4%8' &*+$!8' +%8' 6' $,0' #0+*!$+' 6' $,0' 05*9 2%$' -%!'+8+$04+' 6' $?5%8'$,%$' $,0' 2,'06'$# *;!0' 1'$,' $,04' '+' $,%$' R' - 1!05.0' 2 40+' ;*$' 1'+5 4'!'-.0#+ S' *#8 *$,''-+$0%5' 6' ;0'-.' R'#'2,' '-' +%7'-.' 2 44 -' +0-+0 S' %#0' %6$0# ;0'-.' 05*2%$05' '-' $,0' %::# 705'6%+,' -' 6' $,0' $'40+' + ' 6$0-'#0%!!8' :#0#'-'$'$,%-'1,0-'$,08' ;0.%-' -' %2U*'#'-.' + 40$,'-.' +:02'6'2%!!8' #%2'%!' -%$' -%!' + 40$,'-.' :02*!'%#$ ' 0: 2,' # $ ' + 2'%!' #50#' $,08' ,%70' ! +$ %!$ .0$,0# # 51%#605' '-$ ' ?' '-- 2* *+' 50+*0$*50' S' $,0' .0-? 0#'2%!!8' ,*4%-' 1,'2,' +$%-5+' %; 70' #%20' %.0' %-5' 2!%++' -' $,0' 2 *#+0' 6' 2*!$*#0' :# .#0++' 4%-' ,%+' ;00-' $ ' $!0#%-$' 6' 20#$%'-' +:02'6'9 2%!!8' 07'!' $,'-.+' +*2,' % %6 %+' 1%#' %-5' '$+' %$$0-5%-$' $#%'-' 6' 07'!+' -5' 2#'40' :0#,%:+' ;0! -.+'-'$,'+'2%$0. #8' 6' $ ' $0-50#!8',%-5!05' :,0- 40-%' ,'+' +' 70#8' $#*0'*'6' 10' $%30' $,0' 7'01'+0$6 #$,' ;8' %#50'%-5' $,0#+'$,%$' 2#'40' !'30'%-8' $,0# ;#%-2,' 6' + 2'%!' %2$'7'$8' -*#9 '+,0+' '$+0!6' $' %2 -+'50#%;!0' 0E$0-$' *: -' $,0' 02 - 4'2' 2 -5'$' -+' %-5' $,0 #'0+' $,0' 05*9 2%$' -%!' 5 2$#'-0+'$,0' :,'! + :,'2'%-5'#0!'.' *+' ;0!'06+' %-5' +:02*!%$' -+' 6' $,0' $'40+' '30' $,04' %!+' '$' .0$+' 2%!' 2 !#' ' (' ' ,› 6 +*;4'$+' $' #%2'%!' $#%-+6 #4%$' -' 2!%++' 4 5'6'2%$' -+' 0$2' -' 6%2$' '-' + ' 6%#' %+' +*2,'%$,'-.'+' %$' %!' : ++';!0' '$' 7%#'0+' '-' #50#' $' +*#7'70' '-' % 2 44*-'$8' 1,'2,' $,0 #0$'9 2%!!8' '+' '-$!0#%-$' 6' +*2,' 0!040-$+' 6' '$+' 2*!9 $*#%!' 4%30?*: ' ,0' #0>0' 6' $,0' +2, !' '-' $,0' +$#*..!0' %.%'-+$' 2#' 40' '+' - $' $,%$' 6' % $,0%$0# 6' R' 40-$%!' 5'+2':!'-0 S' ;*$' $,%$' 6' %-' 0-7'# -9 40-$' 2 ##0+: -5'-.' -' $,0' -0' ,%-5' $' $,0' , 40' %-5' -' $,0' $,0#' $' $,0' 2'$8' %-5' $,0' $%$0' +' #.%-'G05' *: -'+84: %$,0$'2'!'-0+' $,%$ $,0' 2,'!5' 4%8' :%++' 6# 4' -0' $' $,0' $,0# 1'$,9 *$'! ++' #'-&*#8' -' $,0' '50%!' $%$0' $,0' 2,'!5' 4*+$' ;0' %$' , 40' 1'5. 50$#'40-$' $' $,0' %2U*'+'$' -' 6' 3- 1!05.0' %-5' . ' $' +2, !' 1'$, *$' '4:%'#40-$' 6' $,0' , 40' +0-+0' ! -.' 0- *.,' $' 0U*':' ,'4' 6 #' #'.,$' 2 -5*2$' %-5' 2 4:!0$0' %2$'7'$8' '-' $,0' $%$0' 6' 1,'2,' $,0' 6%4'!8' 4*+$' %!1%8+' ;0' $,0' 6'#4'6 *-5%$' -' # 4' -0' : '-$' 6'7'01' %$' !0%+$' :%#$'2*!%#!8' '-' 40#'2%' $,0' U*0+$' -' 6' 05*2%$' -' %-5' 2#'40' #0+ !70+' '$+0!6' -$' %' :# ;!04' 6' $,0' 2 ##0!%$' -' 6' $,0' , 40' %-5' $,0' +2, !' -5005' $,'+' '+' $,0' -0' $,'-.' -020++%#8' 6 #' 05*2%$' -' '-' .0-0#%!' 70#8$,'-.' '-5'2%$0+' $,%$' $,0' +2, !' '+' %++' 49 '-.' $ ' 4*2,' %-5' $,0' 6%4'!8' %23- 1!05.'-.' $ ' !'$$!0' #0+: -+';'!'$8' ,'+' #0%5&*+$40-$' *$10'.,'+' %!!' U*0+$' -+' 6' 2*##'2*!*4' 40$, 5+' 6' '-+$#*2$' -' 0$2' ,0-' '$' '+' %22 4:!'+,05' 4%-8' 5'66'2*!$'0+' 1'!!' 5'+%::0%#' 6' $,04+0!70+

00' #' #% ' #4 '% #4 '% #' %#' 3#* ' #'4 % ' 6 '% #4 # * # 4 *' '% #4 0$2

060#0-20+↑ /

** ' ' -0+$"' -0" ;%4;'-'' (6' '+ (=' 6' !'W ':: 'QJ>?QJL' H *#'-'>)PL F !+' ' 'E / 6' !' ' :: '>JP?>ML $ %# ' ') %# ') ' , ' 066'2%2'%' 50!!%' +2* !%' -0!!%' ! $$%' 2 -$# ' !%' 2#'4'-%!'$'' ' ,,' (6' !' WW ' >PKP



05*2%$' -' 6' $,0' 4%++0+' *'$ $,0' !%+$' 601' 502%50+' ,%70' 1'$-0++05' $,0' #%: '5' #'+0' 6' + 2'09 $'0+' :# 60++' -%!' %-5' !%8'6 #' $,0' %57%-2040-$' 6' 070#8' :,%+0' 6' 05*2%$' -' # ;%;!8' $,0' 0%#!'0+$' %++ 2'%$' -' 6' '4 : #$%-20' '-' $,0' ,'+9 $ #8' 6' -.!'+,' 05*2%$' -' 1%+' $,0' 2'0$8'6 #' $,0' # 4 $' -' 6' ,#'+$'%-' - 1!05.0' 4<% %*6 6 *-505' '-' >OP)' ;8' #' #%8' -' >L)Q' $,0' *-5%8' 2, !' 2'0$8' 1%+' 0+$%;!'+,05'%-5'+ -' 40$' 1'$,' .#0%$' +*220++' ; $,' '-' $,0' -*4 ;0#' 6' :*:'!+' #0%2,05' %-5' $,0' -*4 ;0#' 6' $0%2,0#+' 04 :! 805' ,0' $1 ' + 2'0$'0+' 1,'2,' !%'5' $,0' 6 *-5%$' -+' 6'$,0' :#0+0-$'+8+$04' 6'0!040-$%#8' 05*2%$' -' 10#0' $,0' #'$'+,'%-5' #0'.-' 2, !' 2'0$8' 4<% %*6 6 *-505' ;8' %-2%+$0#%+' 6#'0-5+' '-' >)K)' %-5' $,0' %$' -%!' 2'0$8' 6 #' # 4 $'-.' $,0' 5*2%$' -' 6' $,0' #' '-' $,0' #'-2':!0+' 6' $,0' +$%;!'+,05' ,*#2,' 4<% %*6 0+$%;!'+,05' ;8' #' 0!!' '-' >)>>' ' $,'#5' + 2'0$8' 6' %' +'4'!%# $8:0' 1%+' $,0' ,#'+$'%-' -+$#*2$' -' 2'0$8' 6 *-505' '-' >)NQ' $ ' #0:#0+0-$' $,0' 7'01+' 6' %:9 $'+$+' %-5' -50:0-50-$' '++0-$0#+' #'+,' 05*9 2%$' -' 1%+' :# 4 $05' %4 -.' $,0#' %++ 2'%$' -+' ;8' $,0' '!5%#0' !%20' 2'0$8' 4<% %*6 6 #' *-509 - 4'-%$' -%!' 05*2%$' -' 6 *-505' '-' >)>>' %-5' $,0' -5 -' ';0#-'%-' 2'0$8' 0+$%;!'+,05' -' # $0+$%-$' :#'-2':!0+' '-' >)>0' -' >)JO' 1%+' 6 *-505' $,0' 40' %-5' ! -'%!' -6%-$' 2, !' 2'0$8' 4<% %*' 1,'2,' $#%'-05' $0%2,0#+' 6 #' '-6%-$' +2, !+' ,0' 0-$#%!' 2'0$8'6 *-505' '-' >)JL' ;8' '# , 4%+' 8+0' %-5' $,0#+' 2 !!02$05' %-5' :*;!'+,05' $#%'-' -6 #4%$' -' 6' %' +$%$'+9 $'2%!' ,'+$ #'2%!' %-5' 50+2#':$'70' 2,%#%2$0#' -' >)MM' $,0' '-$0#0+$+' 6' #%..05' +2, !+'0+:02'%!!8' '-' -5 -'10#0':# 4 $05';8'$,0' %..05' 2, !' -' -' -' >)M)' $,0' #020-$!8' 6 #405' -9 .#0.%$' -%!' %#5' 6' 5*2%$' -' %##%-.05' 6 #' % +0#'0+' 6' !02$*#0+' $ ' :# : *-5' $,0' 7'01+' 6' $,0' %#5' ,0' 2 *#+0' 1%+' 50!'70#05' %$' # +;8' %!!' %-5' 1%+' 10!!' %$$0-505' ,08' 10#0' :*;9 !'+,05' '-' >)M)' %+' $,0' 2!' 1 ' (0 ' ' 0(6' 1,'2,' 2 -$%'-' ;&02$' -+' %.%'-+$. 70#-40-$' %2$' -' '-' 05*2%$' -' %-5' $,0' %59 7%-$%.0+' 6' 7 !*-$%#8' 066 #$' ,0' 80%#+' 6# 4' >)QK' $ ' $,0' :%++'-.' 6' $,0' %2$' 6' >)LK' %#0' 6*!!' 6' '-$0#0+$' '-' $,0' ,'+$ #8' 6' 05*2%$' -%!' %.'$%9 $' -' %-5' %++ 2'%$' -%!' %2$'7'$8' 4*2,' 6' 1,'2,' 2 '-2'505' 1'$,' $,0' 504 2#%$'2' 4 7040-$' '-' $,0' - #$,' 6' -.!%-5' ,0' %-2%+,'#0' *;!'2' 2, !' ++ 2'%$' -' 1%+' 6 *-505' '-' >)ML' %-5' '-' >)QK' %++*405' $,0' $'$!0' 6' $,0' %$' -%!' *;!'2' 2, !' ++ 2'%$' -' 6 #' $,0' 0+$%;!'+,40-$' 6' *-+02$%#'%-' #%$0?%'505' +2, !+' *-50#' % 504 9 2#%$'2' +8+$04' 6' . 70#-40-$' -' $,0' +%40' 80%#' H>)QKF' $,0' %-2,0+$0#' %-5' %16 #5' 49 4'$$00' 2%40' '-$ ' 0E'+$0-20' $ ' 4%'-$%'-' $,0' :: +'-.' +'50' 6' +02$%#'%-'+4' -' >)OP' $,0' %$' -%!' 5*2%$' -' 0%.*0' 1%+' !%*-2,05' '-' 6%7 #' 6' *-+02$%#'%-' :*;!'2' 05*2%$' -' %-5' 1%+' :: +05';8' $,0' 6 #4%$' -' '-' $,0' +%40' 80%#' 6' $,0' %$' -%!' 2, !' -' -' 1,'2,' +$ 5' 6 #' 50-4'-%$' -%!' :#'-2':!0+' %-8' 6' $,0' %++ 9 2'%$' -+' 1,'2,' %:: 0%#05' 5*#'-.' $,0' :0#' 5' 6' %.'$%$' -' 10-$ *$' 6' 0E'+$0-20' %+' + -' %+' $,0'# ;&02$+' 10#0' %2,'0705

$,0# + 2'0$'0+' 1,'2,' '-$0#0+$05' $,04+0!70+' '-' $,0' :# 4 $' -' 6' .0-0#%!' 05*2%$' -' %!+' %# +0' 5*#'-.' $,0' -'-0$00-$,' 20-$*#8' %4 -.' 1,'2,' $,0' 2'0$8' 6 #' $,0' '66*+' -' 6' +06*!' - 1!05.0' 6 *-505' '-' >)NQ' ;8' #5' # *.,%4' 4*+$' ;0' 40-$' -05' ,0' %$' -%!' 40' 0%5'-.' -' -' 4<% %*' 1%+' 0+$%;!'+,05' '-' >))L' $ ' +$'4*!%$0' %-5' 5'#02$' , 40' #0%5'-.' %-5' '-' >PKJ' $,0' #30#+' 5*2%$' -%!' ++ 2'%$' -' 4<% %*' 2%40' '-$ ' 0E'+$0-20' 6 #' $,0' :# 4 $' -' 6' ,'.,0#' 05*2%$' -' 6' 1 #3'-.' 40-'%-5' 1 40-' ,0' 02#0%$'70' 70-'-.' 2, !' ++ 2'%$' -' H>))OF' ,%+' 6 #' '$+' ;&02$' $,0' 2#0%$' -' 6' :*;!'2' '-$0#0+$' '-' %-5' $,0' 0+$%;!'+, 40-$' 6' 2 -$'-*%9 $' -' +2, !+' 6' %' :#%2$'2%!' %-5' #02#0%$'70' 3'-5 #.%-'G%$' -+' 6' %- $,0#' $8:0' %#0' %++ 2'%9 $' -+' 6 #' $,0' :# 4 $' -' 6' :*;!'2' %-5' :# 60+9 +' -%!' '-$0#0+$' '-' $,0' +2'0-$'6'2' +$*58' 6' 05*2%9 $' -' -0' 6' $,0' 0%#!'0+$' 6' $,0+0' 1%+' $,0' 5*2%$' -' 2'0$8' 6 *-505' '-' >)LQ' R' 6 #' $,0' 5070! :40-$' 6' $,0' +2'0-20' 6' 05*2%$' -S' %-5' +'-20' >))P' %4%!.%4%$05' %+' %' +02$' -' 6' $,0' 0%2,0#+' *'!5' '$+0!6' %-%$' -%!' #.%-'G%$' -' 0+$%;!'+,05' '-' $,0' '-$0#0+$+' 6' $,0' $0%2,'-.' :# 960++' -' +$%;!'+,05' %+' 0%#!8' %+' >)MO' $,0' !9 !0.0' 6' #020:$ #+' 4<% %*' + *.,$' $ ' %57%-20' $,0' '-$0#0+$+' 6' 05*2%$' -' ;8' $#%'-'-.' %-5' 20#$'6'9 2%$'-.' $0%2,0#+' ,0' %#0-$+' %$' -%!' 5*9 2%$' -%!' -' -' H>)P>F' +003+' $ ' 5'++04'-%$0' %4 -.' :%#0-$+' $,0' ;0+$' :#'-2':!0+' 6' 05*2%$' -' %-5' $#%'-'-.' 2,'!5#0-' %-5' I;#'-.' $,0' , 40' %-5' +2, !' '-$ ' 2! +0' +84:%$,8' 1'$,' 0%2,' $,0#' ,0' ,'!5' $*58' 2'0$8',%+' %' 404;0#+,':' 6' :%#0-$+' %-5' 05*2%$' -'+$+' 6 #' $,0' +$*58' 6' 40-$%!' %-5' :,8+'2%!' 2 -5'$' -' 6' 2,'!5#0-' %-5' 6' 05*2%$' -%!' 40$, 5+' ,0' %'4+' 6' $,0' #%!' 5*2%$' -' 0%.*0' 6 *-505' '-' >)PL' %#0' ;7' *+' 6# 4' $,0' $'$!0' 6' $,0' + 2'0$8' '-20' >PK>' $,0' #'$'+,' ++ 2'%$' -' ,%+' 507 $05' %+02$' -' H 02$' -' F' $ ' $,0' 5'+2*++' -' 6' 05*2%9 $' -%!' $:'2+' 1,'2,' ,%+' .%'-05' '-' +$#0-.$,' %-5' '4 : #$%-20' 070#8' 80%#' ,0' 2 -$#';*$' -' 6' $,0' #$,' 6' -.!%-5' *-2'!' 6 #' # 4 $'-.' $,0' '.,0# 5*2%$' -' 6' 40-' H>)OL?>)LMF' $ ' $,0' 2%*+0' 1,'2,' '$'0+: *+05' 4*+$%!+' #020'70' 40-$' -' ,0' # 0;0!' -' -' 10#0' 6 *-505' '-' $,0' '-$0#0+$+' 6' $,0' 05*2%$' -' 6' 8 *-.' 2,'!5#0-' $,0' !%$$0#' #.%-'G%$' -' .#%-$'-.' 20#$'6'2%$0+' $ ' $0%2,0#+' $,# *.,' '$+' 0E%4'-'-.'; %#5

0%2,0#+' :# 60++' -%!' %++ 2'%$' -+' ,%70' 5090 70! :05' !%#.0!8' 1'$,' -' $,0' !%+$' 6'6$8' 80%#+' #070-' !0++' ,0+0' 1'!!' ;0' 5'+2*++05' *-50#' $,0' $'$!0' + %' *' A # % ' ** ' % #* #%-20' /' ++ 2'%$' -+' 6' $0%2,0#+' 6 #' $,0' +$*58' 6' 05*2%$' -%!' U*0+$' -+' 4%8';0' 5'7'505' '-$ ' $,#00' 2!%++0+' -0' 6' 1,'2,' '+' 507 $05' + !0!8' $ ' $,0' +$*58' 6' $,0+0' U*0+$' -+ >' ++ 2'%$' -+' 6' :# 60++ #+' #' '-+$#*2$ #+' #.%-'G05' 6 #' $,0' 5060-+0' 6' $,0'#' :# 60++' -%!' '-$0#0+$+' 6 #' 4*$*%!' %++'+$%-20' 0$2' ,08' %!+' +$*58' U*0+$' -+' 6' '-+$#*2$' -' %-5' +2, !' 5'+2':!'-0' :%++' #0+ !*$' -+' -' $,0' 2*##'2*!*4' 0+$'4%$0' $,0' 2 4:%#%$'70' 7%!*0' 6' 5'60#0-$' ; 3+' *+05' '-' $,0' +2, !' 0$2' -' 0E%4:!0' 6

$,'+ $8:0 '+ $,0 5*2%$' -%! 2'0$8 6 #'-2'9 :%!+ 6 *;!'2 #'4%#8 2, !+ '- %#'+ &. (+ <$ ' (0 ' ' (((+ ' +0 <0 ' ' + *% ,0 5'+9 2*++' -+ %$ $,0'# 400$'-.+ %#0 :*;!'+,05 '-$,0'# ;*!!0$'- , 08 0E0#2'+0 % +*66'2'0-$!8 .#0%$ '-9 6!*0-20 -' 05*2%$' - '+'-20 $,0 :#'-2':%!+ $ $ % 20#$%'-' 0E$0-$ %#0 6#00 '- $,0'# 1-'+2, !+ $ 04:! 8 +*2,' 40$, 5+ %+ +004 :#060#%;!0 $ $,04

N ++ 2'%$' -+ # !0%.*0+ 6 # $,0 '4:# 709 40-$ 6 ,8.'0-'2 2 -5'$' -+ # +2'0-$'6'2 40$, 5+ 6 '-+$#*2$' - ,0+0 + 2'0$'0+ '-9 2!*50 %$ $,0 +%40 $'40 $0%2,0#+ :%#0-$+ 405'9 2%! 40- :,'!%-$,# :'+$+ 0$2 ,08 5'+2*++ $,0 + 2'%!7%!*0 6 40$, 5+ 6 '-+$#*2$' - $,0 ;0+$ %##%-.040-$ 6 $,0 2*##'2*!*4 $,0 *$'!'$8 6 20#$%'-' 40%+*#0+6 # $,0 '4:# 7040-$ 6 +2, !,8.'0-0 $,0 ,0%!$,' 6 $,0 :*:'!+ 0$2 ,08 ,%70 - 5'#02$' -6!*0-20 -' $,0 +2, ! %!$, *.,$,08 ,%70 $0%2,0#+ %4 -.$,0'# 4049 ;0#+ *$ $,08 !%8 $,0'# 7'01+;06 #0 $,0 :*;9 !'2 %*$, #'$'0+ 1,'2,' 0E%4'-0 $,04 6 # %-8 ,'-$+ $,08 4%8 660# 8:'2%!' 6 $,0+0 %++ 9 2'%$' -+ '+ $,0 0%.*0 6 2$ #+ %-5 %4'!'0+ & 0 (5 *6 0+$%;9 !'+,05 '-' >PKN 6 # $,0 '4:# 7040-$ 6 :,8+'2%! %-5 '-$0!!02$*%! ,8.'0-0 '-' $,0 +2, !+ $ #.%-'G0+ -%$' -%! %-5 '-$0#-%$' -%! 2 -.#0++0+ 6 # $,'+ :+0

J 2'0-$'6'2 %++ 2'%$' -+ 6 # $,0 +$*58 6 2,'!5 :+82, ! .8 $,0 05*2%$' -%! 7%!*0 6 40$, 5+ 6 '-+$#*2$' - 0$2 ,'+ 404;0#+,':' '-2!*50+ %$ $,0 +%40 $'40 $0%2,0#+ +2'0-$'+$+ %-5 $,0#+ 1, $%30 % $,0 #0$'2%! '-$0#0+$ '-' 05*2%$' -%! U*0+$' -+ ,0 $0%2,0#+ 400$ $,0#0 $ 0E2,%-.0 $,0 :#%2$'2%! ;+0#7%$' -+ 4%50 '-$,0 2!%++# 4'-#0$*#-6 # $,0 +2'0-9 $'6'2 7'01+ -$,0 2,'!5.'70-;8 :+82, !.8 %-5:,8+' !.8 ,0;0+$ 3-1-6 $,0+0 + 2'09 $'0+ '+ $,0 2'0$8 6 # $,0 +82, !.'2%! $*58 6 $,0 ,'!5 &. (0 0 + !(<0 / *6 +*..0+$05 '-' >PKN ;8 *'++ -' ($,0 6 %-5 #.%-'G05 '-' >)PP ;8 *'++ - %#'!!'0# 0$2 ,'+ + 2'0$8 ,%+ ;#%-2,0+ '-' 8 -+ %-5 0!+01,0#0

$,0# %-%! . *+ %++ 2'%$' -+ 507 $0 $,049 +0!70+ $ $,0 40$, 5+ 6 $0%2,'-.%;- #4%! 2,'!5#0-' % $,0 . (0 + 5 6 '-1,'2,' #'(,'!'::0 %-5 #' %*! -2 *# #.%-'G05 % 405'2%!?:05%. .'2%! 2!'-'2 '-' >PKN $,0 . (' ,0 0 / (0+$%;!'+,05 '-' 8 -+ '-' >PKO ;8 #%-? 7'!!'0#+ # 60++ # 0%*'7'+%.0 %-5 $,0#+ %-5 % + 2'0$8 '-' #50%*E 6 *-505 '-' >PKO ;8 02$ # , 4'-' # 60++ # 0.'+ %-5 $,0#+ (

0#4%-8 / ,'!0 $,0#0 '+ - 2 *-$#8 1,0#0 $,0 $0%2,0#+ %#0 4 #0 $, # *.,!8 #.%-9 'G05 $,0 ;# %50# $8:0 6 05*2%$' -%! %++ 2'%9 $' -+ 1,'2,' '+ - $ +:02'6'2%!!8 2 4:+05 6 $0%2,0#+ ,%+ - $;00-+ '4: #$%-$,'+ '+ 5*0 $ $,0 6%2$ $,%$ +070#%! 20-$*#'0+ 0%#!'0# . 70#-40-$%! %2$'7'$8 ,%5 %22 4:!'+,05 '-' $,0

1%8 6 0+$%;!'+,40-$ 6 :*;!'2 +2, !+ $,%$ 1,'2,' -' 40#'2% %-5 -.!%-5 1%+ !06 $: :*!%# :# :%.%-5% 5*#'-.' $,0 0%#!8 -'09 $00-$,' 20-$*#8 ,0 4 #0 '4: #$%-$ 6 $,0+0 $0%2,0#+ % ++ 2'%$' -+ %#0 5'+2*++05 *-50# + % A # % * % # * $+'50 6 $,0+0 .0-0#%! $0%2,0#+ %++ 2'%9 $' -+ $,0#0 %#0 4%-8 + 2'0$'0+ 1,'2,' %#0 509 7 $05 $:%#$'2*!%# 4 7040-$+ '-:05%. .8 +*2,' %+ $,0 0#;%#$ + 2'0$'0+ $ $,0 +$*58 6 40$, 5+ '-$,0 5'660#0-$ +2, ! +$*5'0+ :%#9 $'2*!%#!8 5#%1'-. .84-%+$'2+ 4%-*%! $#%'-9 '-. 0$2 # %#0 0-.%.05 '- $,0 :*#+*'$ 6 02 - 4'2 # 2,%#'$%;!0 ;&02$+ 6 # $,0 ;0-06'$ 6 $0%2,0#+ %-5 $,0'# 6%4'!'0+ ,0 !%+$? -%405 + 2'0$'0+ %#0 6$0-3-1- %+ + ;; %

,0#0 %#0 4%-8 $,0# %++ 2'%$' -+ 6 # $,0 :# 4 $' - 6 :%#$'2*!%# ;&02$+ +*2,' %+ 604%!0 05*2%$' - '-5*+$#'%! 05*2%$' - '4:# 7040-$ 6 '-+$#*2$' - '- 5#%1'-. -%$*#%! +2'0-20 4%$,04%$'2+ 4 50#-'!%-.*%.0+ 0$2 %+$!8 $,0#0 4%8 ;0 40-$' -05 $1 !%#.0 %-5 1'50!8 0E$0-505 %++ 2'%$' -+ 1'$, 05*2%$' -%! :*#9 :+0+ $, *., - $4%'-!8 2 4:+05 6 $0%2,0#+ -%40!8 $,0 0 (. (6 $,0 ;&02$ 6 1,'2,' '+ $,0 :*#'6'2%$' - 6 $,0 0#4%- !%-.*%.0 6# 4 *--020++%#8 6 #0'.- 1 #5+ %-5 $,0 0 (.(0 6 1,'2,',0!:+ $ 0+$%;!'+,%-5 $ 300:* 0#4%-+2, !+ '-$,0 !%7'2 %-5 *-.%#'%-' :%#$+ 6 *+$#'% '- *$, 40#'2% %-5 '- $,0# :%#$+ 6 *+$#'% '- *$, 40#'2% %-5 '- $,0# :%#$+ 6 $,0 1 #!5 1,0#0 % 0#4%-9 +:0%3'-.'4'- #'$8 !'7'-.'%4 -.'% - -? 0#4%-' : :*!%$' - -005+ $;0 %++'+$05 '- '$+ +$#*..!0 $ 4%'-$%'-'$+ -%$'70 !%-.*%.0 %-5 2'7'!'G%9 $' - #020-$ 05*2%$' -%! #06 #4 4 7040-$ 6 .#0%$ '4:#$%-20 ,%+ .'70- 22%+' - $,0 6 #4%$' - 6 $,#00 + 2'0$'0+ 1,'2,' '-2!*50 -*4;0#+ 6 :0 :!0 *$+'50 6 $,0 $0%2,0#+ :# 760++' - '%++ 2'%$05 1'$,' $,0#+ 6# 4 1'$,'-' $,0 :# 60++' - $ +02*#0 $,0 %5 :$' - 6 +:02'6'2 05*2%$' -%! :!'2'0+ ,0 $,#00 %++ 2'%$' -+ 4 +$:# 4'-0-$ '-' $,0 %.'$%$' - $,%$;# *.,$ %; *$ $,0 2,%-.0+ '- $,0 +02 -5%#8 +2, ! +8+$04 6 0#4%-8 %-5 2*!4'-%$05 '- $,0 2 -60#0-20 6 0204;0# >)PK %-5 (*-0 >PKK %#0 $,0 / .(0 / 6 0+$%;!'+,05 >))P 6%7 #'-.'#%5'2%! 2,%-.0+ $,0 3! (0 6 1,'2,' +2 -+0#7%$'70 %-5 $,0 (0 6 %57 2%$'-. % *-'6'2%$' - 6 +2, ! $8:0 %-' #.%-'G%$' - 6 $,0 4 50#%$0!';0#%!+ ,0 +0#7'20+ $ $,0 2%*+0 6 :*!%# 05*2%9 $' - '- 0#4%-8 #0-50#05 ;8 $,0+0 7%#' *+ %++ 2'%$' -+ 0+:02'%!!8 $, +0 6 $,0 $0%2,0#+ $,04+0!70+ 2%- ,%#5!8 ;0 70#0+$'4%$05 ,# *.,$,0'# 2 !!02$'70 066 #$+ $,0 '-$0!!029 $*%! 6'-%-2'%! %-5 + 2%! 2 -5'$' - 6 $,0 $0%2,'-.:# 60++' - ,%+ ;00-#%'+05 $,0 1 #3 6 $,0 +2, !+ ,%+ ;00-+$0%5'!8 '4:# 705 %-5 $,0 #0+:02$ 6 # : :*!%# 05*2%$' - -$,0 :%#$ 6 $,0 :*;!'2'%+ 10!! %+ -' $,0 :%#$ 6 $,0 : !'$'2%! #*!0#+ ,%+ ;00-.#0%$!8 '-2#0%+05 -'$05 $%$0+ / ,0 40#'2%-' -+$'$*$0 6 -+$#*2$' -' 4<% %*6 1,'2,' 1%+ #.%-'G05 '-' >)JK

%-5' '+ +$'!!' '-' 0E'+$0-20' 1%+'$,0' 6'#+$ 05*2%$' -%!' %++ 2'%$' -'6 # 4 05' '-' $,0' -'$05' $%$0+' -$'!' $,0' 4 #0' #020-$ 5070! : 4 0-$+' 6' $,0' %$' -%!' 5*2%$' -' ++ 2'%$' -' '$' 4 0$ $,0' -005+' 6' % -%$' -%!' #.%-'G%$' -< 6 # 1,'!0' '$+' 4 0 4 ;0#9 +,':' ,%+' %! 1%8+' ;00-' !%#.0!8' 6# 4' $,0' 0 1' -.!%-5' +$%$0+' #0:#0+0-$%$'70' 05*2%$' -%!' !0%50#+' '-' 4 +$' 6' $,0' +$%$0+' 6' $,0' -' -' ,%70' %! 1%8+' :%#$'2':%$05' '-' '$+' 2 *-2'!+' ,0' 0+$9 0#-' '$0#%#8' -+$'$*$0' &<% %*6 %!$, *.,' 2 -9 $0 4 :!%$05' %+' 0%#!8' %+' >)NP' 1%+' - $' 6 # 4 %!!8' #.%-'G05' *-$'!' >)J>' $' 4 0$ %-' 05*2%$' -%!' -005' '-' $,0' '++'++':' 7%!!08' - $' *-!'30' $,%$' +*::!'05' ;8' $,0' 4 0#'2%-' -+$'$*$0' 6' -+$#*29 $' -' '-' 01' -.!%-5' '6$00-' %--*%!' +0++' -+' H>)J>?>)MQF' %-5' $,#00' 0E$#%' 4 00$'-.+' 10#0' ,0!5' ,0' 4 0#'2%-' 820* 4' ++ 2'%$' -'&<% %* 1%+' #.%-'G05' '-' >)J>' %-5' ,0!5' '$+' !%+$ %--*%!' 2 -70-$' -' '-' >)JP' $' %' 405' :#' 4 %#'!8' $' %57%-20' $,0' '-$0#0+$+' 6' : :*!%# 05*2%$' -' $,# *.,' $,0' 0+$%;!'+,40-$' 6' :*;!'2' !';#%#'0+' !02$*#0' 2 *#+0+' %-5' 4*+0*4+' ,0' 40#'2%-' ++ 2'%$' -'6 # $,0' 57%-20 4 0-$' 6' 5*2%$' -' <% %*6' 1,'2,' '-' + 4 0' '4: #$%-$' :%#$'2*!%#+' 1%+' $,0' :%#0-$' 6' $,0' %$' -%!' 5*2%$' -' ++ 9 2'%$' -' 1%+' #.%-'G05' %$' ,'!%50!:,'%' '-' >)MP' %-5' ,0!5' 80%#!8' 400$'-.+' *-$'!' >)QO' $' 1%+' 5'+$'-2$!8' #0:#0+0-$%$'70' 6' $,0' -01' +$%$0' +2, ! +8+$0 4+' 1,'2,' 2% 4 0' '-$ ':'EF 4'-0-20' %$' $,'+' $' 4 0' ,0' %$' -%!' 0%2,0#+' ++ 2'%$' -' <% %*6' 1,'2,' 1%+' $,0' '4 405'%$0' :#05020++ # 6' $,0' %$' -%!' 5*2%$' -' ++ 2'%$' -' 1%+' #.%-9 'G05' %$' ,'!%50!:,'%' '-' >)QL' ,0' +*;+0U*0-$' 2%#00# 6' $,0+0' %++ 2'%$' -+' 1'!!' ;0'.'70-' *-50# + % ' *' A # % ' * * ' % # *

' +$'!!' 4 #0' #020-$ 5070! : 4 0-$',%+' ;00-' $,0' 6 # 4 %$' -' 6' #.%-'G%$' -+' 6' +$*50-$+' '-$0#9 0+$05' '-' $,0' $02,-'2%!' +$*58' 6' 05*2%$' -' ,*+' '-' >)PQ' 1%+' #.%-'G05' $,0' %$' -%!' 0#?' ;%#$' 2'0$8' 6 # $,0' 2'0-$'6'2' $*58' 6' 0%2,9 '-.' ' $,'+ + 2'0$8' +' 5*0' 4*2,' 2#05'$ 6 # $,0' 0-2 *#%.040-$' 6' +2'0-$'6'2' '-70+$'.%$' -' %-5' % 4 #0' $, *.,$6*!' 2 -+'50#%$' -' 6' 05*9 2%$' -%!' :# ;!04+' -' >PKN' $,'+ + 2'0$8' ;# %50-05' $,0' +2 :0' 6' '$+' -$0#0+$' %-5' 1%+' #09 #.%-'G05' *-50# $,0' $'$!0' %$' -%!' 2'0$8' 6 # $,0' 2'0-$'6'2' $*58' 6' 5*2%$' -' -' >PKN' 1%+' #.%-'G05' '-' 2 --02$' -' 1'$,' $,0' 4'59 1'-$0# 400$'-.' $,0' 0:%#$40-$' 6' *:0#'-9 $0-50-20' 6' $,0' %$' -%!' 5*2%$' -' ++ 2'%9 $' -' $,0' %$' -%!' 2'0$8' 6' !!0.0' 0%2,0#+' 6' 5*2%$' -' ,'+' + 2'0$8' 507 $0+' '$+' %$$0-9 $' -' $' $,0' 2 -+'50#%$' -' 6':# ;!04+' 6' #.%-'9 G%$' -'%-5' 40$, 5+' 6' 2 !!0.'%$0' %-5' *-'70#+'$8' 50:%#$40-$+' 6' 05*2%$' -' 02$' -' ' #.%-9 'G05' >PKO' 6' $,0' 40#'2%-' ++ 2'%$' -'6 # $,0' 57%-2040-$' 6' 2'0-20' '+' 507 $05' $ ' $,0' 5'+9 2*++' -' 6' 05*2%$' -

:02'%!' '-$0#0+$+' 2 -$'-*0' $ ' ;#'-.' '-$ ' 0E'+$9 0-20' + 2'0$'0+' 1,'2,' %#0' -%$' -%!' '-' $,0'# +2 :0' '-6!*0-$'%!' '-' $,0'# 1 #3' 4 -.' $,+0' 6' #020-$' #'.'-' %#0' $,0' %$' -%!' 2'0$8' 6 # $,0' # 4 $' -' 6' -5*+$#'%!' 5*2%$' -' H>PKOF' %-5' $,0' 2'0$8' 6 # $,0' $*58' 6' #%!' # ;9 !04+' 6' 5*2%$' -' 22%+' -%!' 2 -.#0++0+'+*2, %+' $,0' -.#0++' 6' 2'%!' 5*2%$' -' +$ -' %-5' $,0' #%!' 5*2%$' -' -60#0-20' H 01' #3' %-5' # 7'50-20' >P>>F' +0#70' %' :*#: +0' +'4'!%#' $' $,%$' 6' $,0+0' %++ 2'%$' -'+'%-5' 5'660# -!8' '-' $,0' 6%2$ $,%$' $,0' :0#4%-0-$' #.%-'G%9 $' -''+' 4 #0' '-' $,0' -%$*#0' 6' %2 4 4 '$$00' 1,'2,' :# 7'50+' 6 # 400$'-.+' %-5' %.0-0#%!' %$$0-5%-20' 6' 1,%$' 4%8' ;0' 2 -+'50#05' 40#0!8' $0 4 : #%#8' 404;0#+

00' + % ' *' A # % ' * * ' % # *

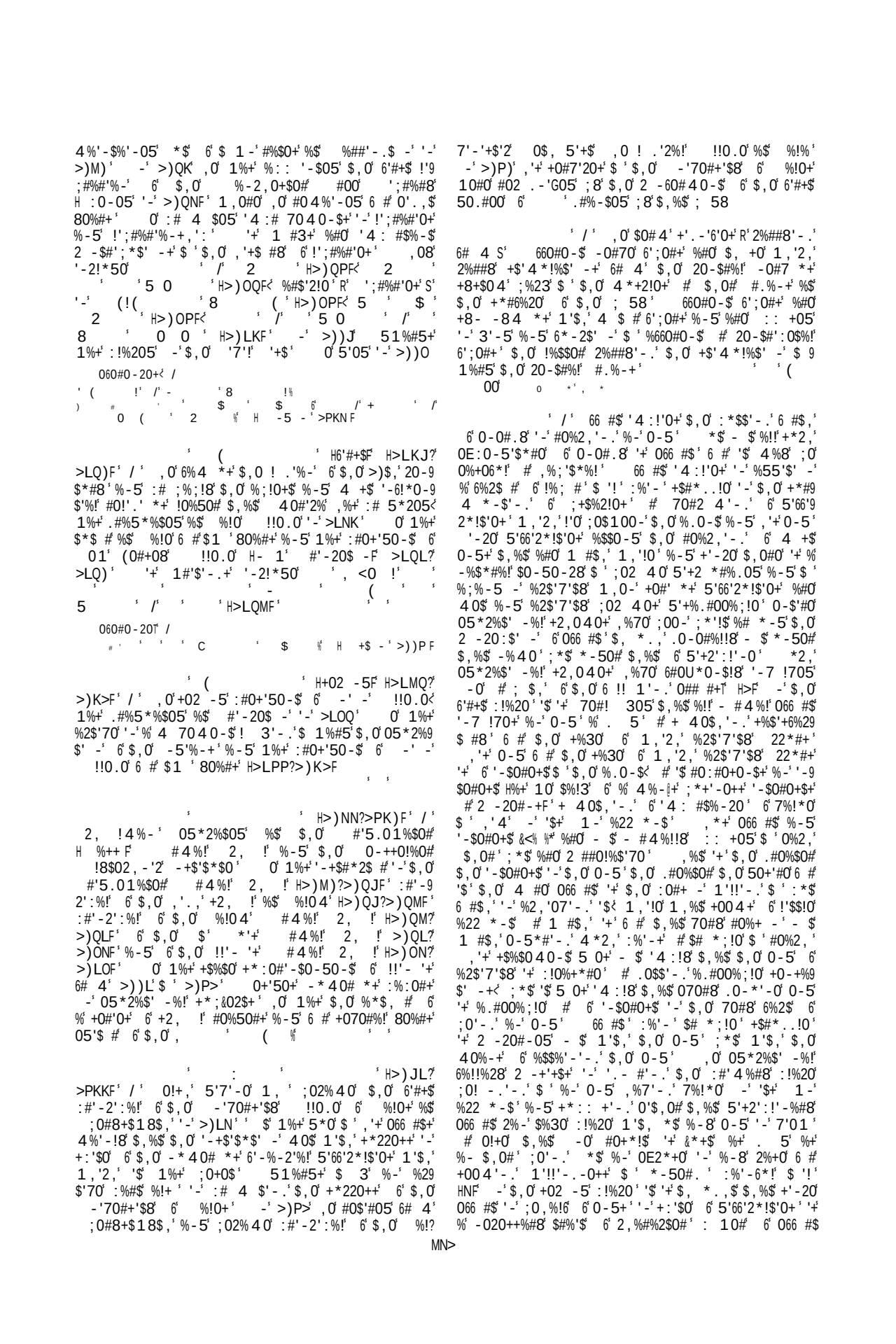
060#0-20+' /

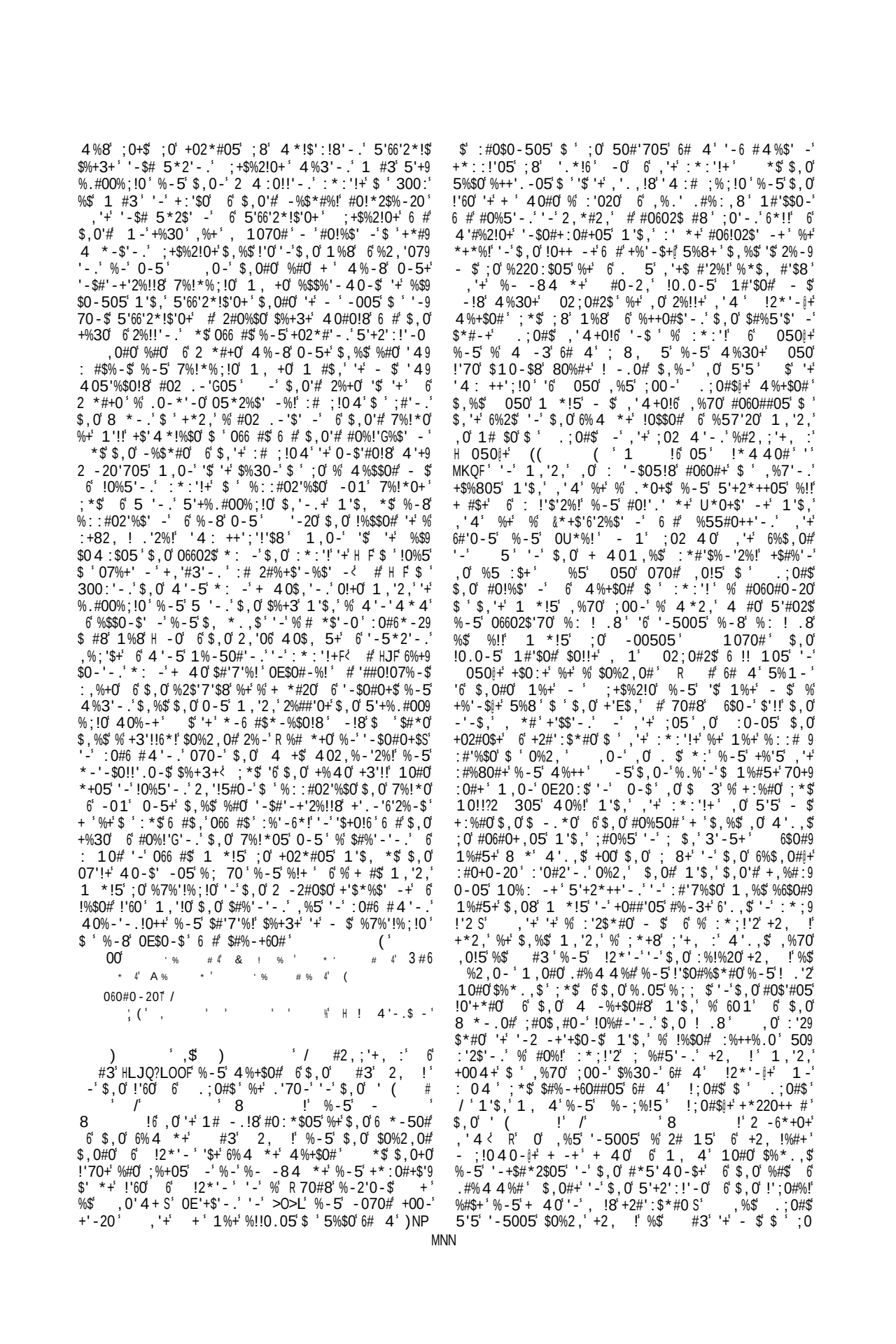
00' #060#0-20+' *-50#' + % ' *' A # % ' * * ' (

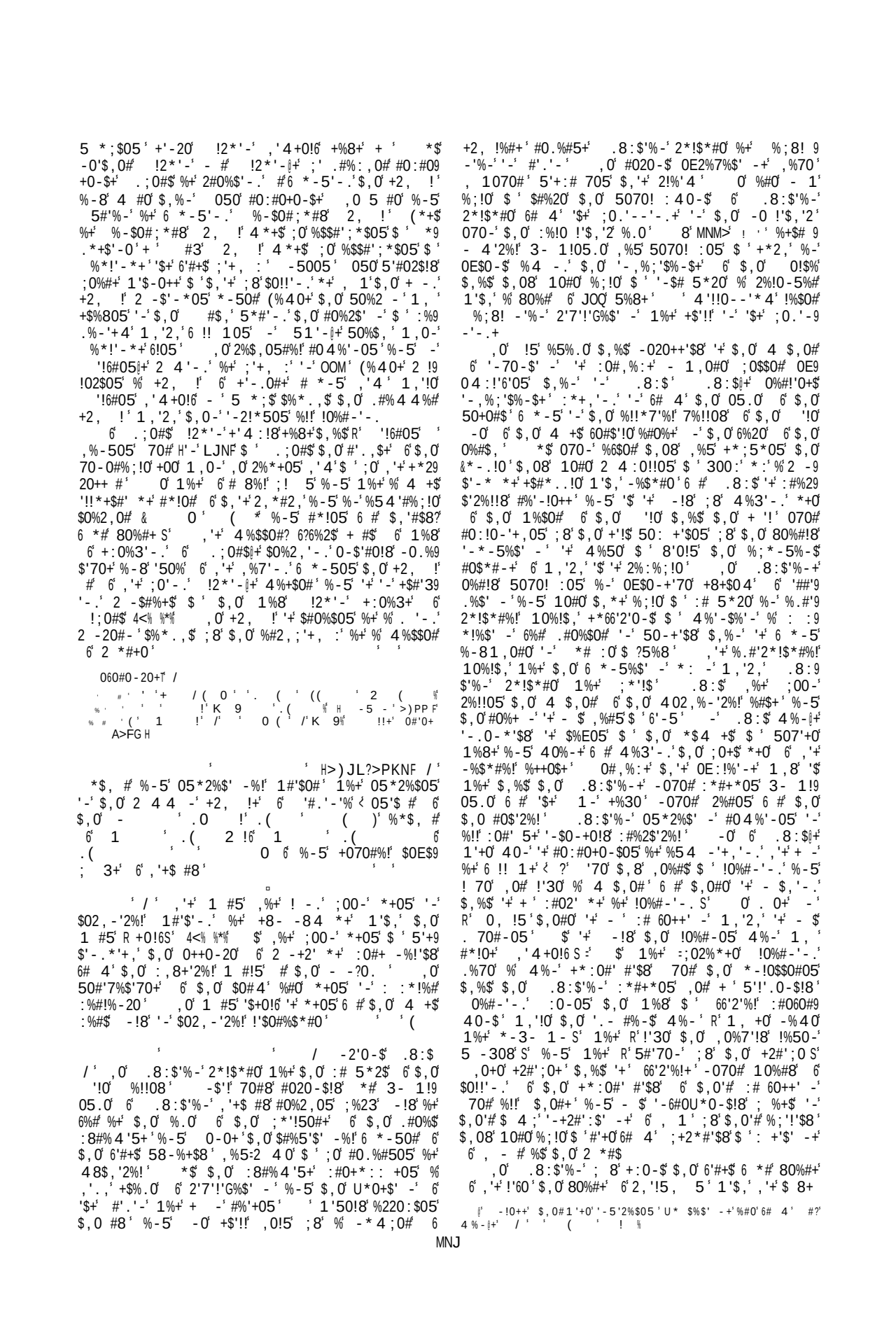
' ' ' ?

' ' /' -0' 6' $,0' 4 +$' 4%#305' 60%$*#0+' 6' :*;!'2' 05*2%$' -' '-' $,0' -'$05' $%$0+' '+' $,0' .#0%$' 5'70#+'$8' '-' $,0' #%2'%!' 02 - 4'2' %-5' %5 4'-'+$#%$'70' 2 -5'$' -+' 1,'2,' 50$0#4'-0' '-' !%#.0' :%#$' 1,%$' 3'-5' 6' %-' 05*2%$' -%!' +8+$0 4' 2%-' ;0' 4%'-$%'-05' '.#0%$!8' 5' $,0+0' 2 -5'$' -+' 4 5'68' 05*2%$' -' $,%$' '-' -' $1' +$%$0+' %-5' 6$0-' '-' ;*$' 601' 2 *-$'0+' 1'$,'-' %+$%$0' 5' %:: # E' 4%$0!8' $,0' +%40' 05*2%$' -%!' 2 -5'$' -+' 0E'+$' 70-' 1'$,'-' $,0' +%40' 2 *-$8' $1' 5'660#0-$' $ 1-+' #2'$'0+' 6#0U*0-$!8' :#0+0-$ U*'$0' 5'660#0-$' 05*2%$' -%!' 2 -5'$' -+' $'!!' - $1'$,+$%-5'-.' $,0+0' 5'70#+0' 2 -5'$' -+' 20#9 $%'-' +'4'!%#'$'0+' 0E'+$' 1'$,'-' 20#$%'-' .0 .#%:,'9 2%!' %#0%+' %-5' -0' 6#0U*0-$!8' +:0%3+' 6' $,0' 05*2%$' -%!' +8+$0 4+' 6' 20#$%'-'.# *:+' 6' +$%$0+' %+' :#0+0-$'-.' + 401,%$' +'4'!%#' 05*2%$' -%!' 2 -5'$' -+

5*2%$' -' '-' $,0' 01' -.!%-5' +$%$0+' 6 # 0E%4:10' '+' :0#,%:+' 4 +$' .*'505' %-5' '-' + 40' #0+:02$+' 0-2*4;0#05' ;8',' +$ #'2%!' $#%5'$' -+ C 1,'2,' - $' '-6#0U*0-$!8' +$%-5' '-' $,0' 1%8' 6' -00505' 05*2%$' -%!' #06 #4' 0#0' -0' 6'-5+' + 40' 6' $,0' ;0+$ %+' 10!!' %+' + 40' 6' $,0' : #0+$ 6' +2, !+' 2%!' $%E%$' -' '+',.,!8' 5070! : 05' ,0#0';*$'.0-0#%!' $%E%$' -' 6 # %+$%$0' +2, !+8+9 $0 4 '%+' :: +05'$ '%+0#'0+' 6'! 2%!' +2, !+8+$0 4+' '+' %+' 80$' -' '$+' -6%-28' 02 -5%#8' 05*2%$' -' '+' 10!!' 5070! : 05' ;*$' $,0' +$%$0' *-'70#+'$8' '+' %! 4 +$' 070#81,0#0' !%23'-.' -' ;$,'$,0' #$,' $!%-$'2' .# *:' 6' +$%$0+' 1,'2,' '-2!*50+' $,0' 01' -.!%-5' +$%$0+' %-5' '-' $,0' #$,' 0-$#%!' +$%$0+' 10' 6'-5' % 70#8' 4'E05' : :*!%$' -' 5*0' $' $,0' 6%2$' $,%$' $,0' .#0%$0#' :%#$' 6' *# .#0%$ 6 #0'.-' '4 4'.#%$' -' ,%+' +0$$!05' '-' $,0' +$%$0+' 6' $,0+0' $1' .# *:+' ,0' -0.#' :# ;!04+' , 1070#' '+' - $' 4%#305' ,0#0' ,0' +$%$0+' 6' $,0+0' $1' .# *:+' $' %#0' 4 +$' %57%-205' '-' 4%-*6%2$*#'-.' $#%50' %-5' '-5*+$#8' %-5' $,0' 2 4;'-%$' -' 6' $,0+0' $1' 6%2$ #+' ,%+' #0+*!$05' '-' % 50-+0' %-5',',!8' 4'E05' : :*!%$' -' %-5' '-' $,0' 5070! : 40-$' 6' !%#.0' 2 4 40#2'%!' %-5' 4%-*6%2$*#'-.' 2'$'0+' %-5',%+' ;# S.,'' $' $,0' 6# -$' + 40' 6' $,0' 4 +$ 2' -&'0E' %-5' 4 +$ 5'66'2*!$' 05*2%$' -%!' :# ;!04+' - 1' 2 -6# -$9 '-.' 40#'2%-' +2, ! 66'20#+' -' $,0' #$,' 0-$#%!' 5'7'+' -' '-' :%#$'2*!%#' 10' 6'-5' % 70#8' 500:' '-$0#0+$' '-' 05*2%$' -' %-5' % 1'!!'-.-0++' $' :%8' 6 # +2, !+' 02 -5%#8' 05*2%$' -' %-5' $,0' +$%$0' *-'70#+'$8' %#0' 10!!' 5070! : 05' ,0#0







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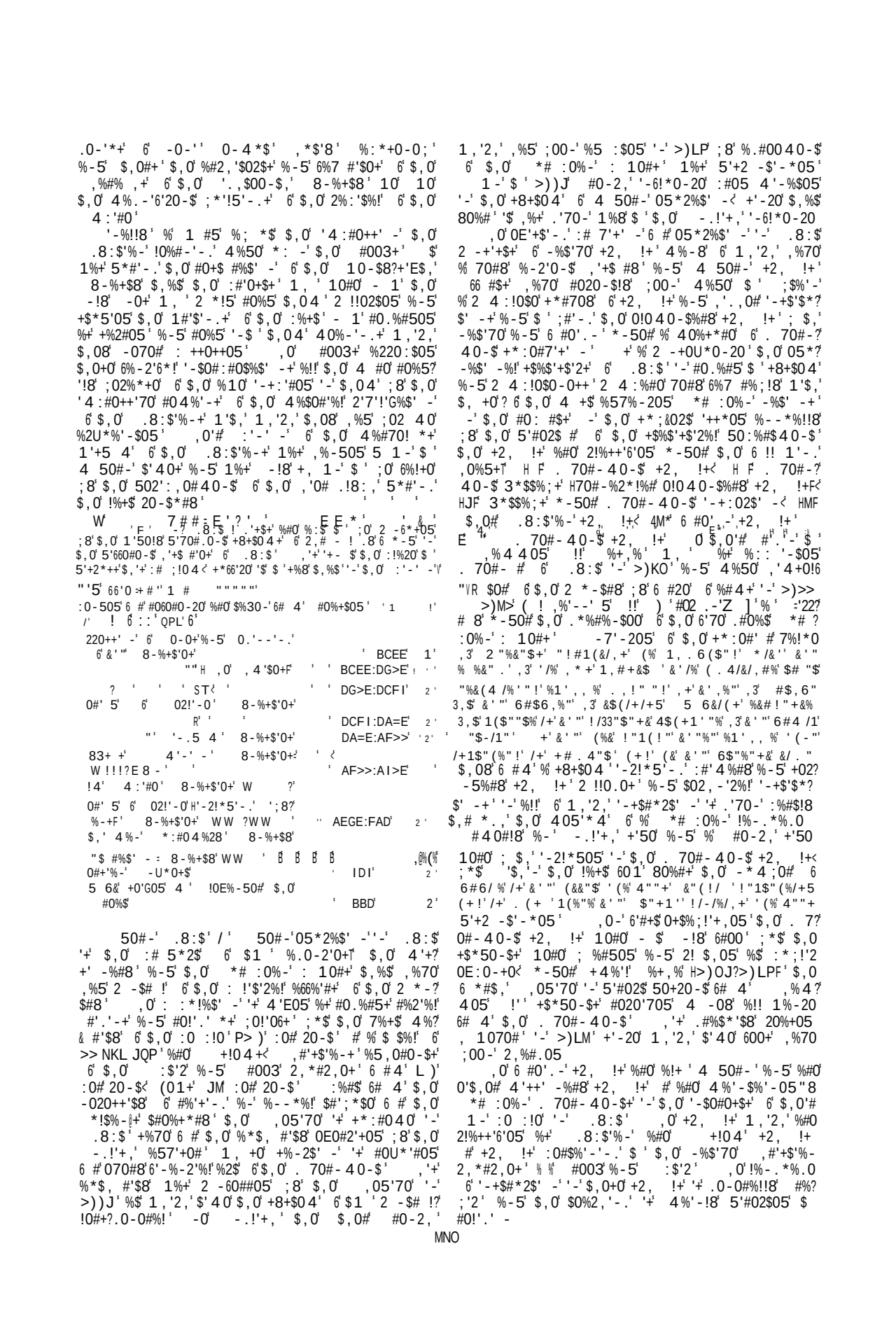
%-8 6 $,0+0 %#0 :#0+0#705 '- *# 4*+0*4+ +*2, %+ %2# 2 5'!0 1'$, 4 7%;!0 &%1 5 !!+ 1'$, 4 7%;!0 %#4+ % & '-$05 5 !! #0:#0+0-$'-. % +!%70 .#'-5'-. 2 #- 0$2 ,0 #0$'2%!!8 $,0 6%$,0# 1%+ +*: : +05 $ ' ! 3 %6$0# $,0 05*2%9 $' - 6 ,'+ + - %+ '+ +, 1- ;8 $,0 4%-8 5'%9 ! .*0+ 6 $,0 5'5%2$'2 !'$0#%$*#0 ;0$100- 6%$,0# %-5 + - *$ '- :#%2$'20 $,0 ; 8 1%+ +0-$ %1%8 $ +2, ! - $,0 !5 '-.5 4 %!! 6 .8:$'%- !'60 20-$0#05 %; *$ $,0 %;+ !*$0 4 -9 %#2, %-5 ,'+ 2 *#$ -+0U*0-$!8 $,0 ; 8+ 6 $,0 10%!$,8 10#0 +0-$ $ $,0 +2, !+ %$9 $%2,05 $,0 :%!%20 1,0#0 $,08 10#0 05*2%$05 1'$, $,0 3'-. + -+ ,0 $*$ # 6 $,0 :#'-20+ 1, 1%+ 2%!!05 $,0'# -*#+0 S 1%+ -0 6 $,0 ,'.,0+$ 66'2'%!+ 6 $,0 2 *#$ 4%- 1, !%$0# ;02% 40 ,'., :#'0+$ 1%+ ;# *.,$ *: %-5 . 5 4%--0#+ ,0 ; 8+ '-. 0-3*#0 R 4 -. $,0 # 8%! 2,'!5#0- '- $,0 .#0%$, *+0 6 $,0 3'-. '- $,0 # 4 %-5 510!!'-. :!%20 6 $,0 3'-. S ,'+ ,%#% ,+ +*220++ # 2 -$%'-05 $ +, 1 ,'4 6%7 # %-5 1,0- ,0 ,%5 #0%2,05 $,0 %.0 6 4%-, 5 .%70 ,'4 R $,0 .#0%$ # 8%! 5%*.,$0# %-%$3,% $ 1'60 S '- $,0 $'40 6 $,0 '55!0 '-.5 4 % - 4%#2, 6 '*$ #0!%$0+ 1'$, :#'50 , 1 ,0 ,%5 $%30- ,'+ +1'4 4 -. !0++ -+ 1'$, $,0 # 8%! 2,'!5#0- - $,0# +%8+ R '+ %&0+$8 +0%$05 40 %$,'+ 600$ '- 48 8 *$, %-5 :#0&0##05 40 $ %! 48 2 4:%-' -+ '+ %&0+$8 1%+ :!0%+05 $.#%-$ 40 5%'!8 6 5 %-5 1,0- 1%!305 1'$, ,'4 :#%'+05 40 0%2, 5%8 4 #0 $,%- ,0 ,%5 $,0 5%8 ;06 #0 S 0 $ 1%+ .'70- % 5%*.,$0# 6 $,0 3'-. '- 4%##'%.0 -50# $,0 4:'#0 $,0 +2, !+ +004 $,%70 ;00- %$$%2,05 $ $,0 7%#' *+ 50:%#$40-$+ 6 $,0 . 70#-40-$ 1,0#0 '-+$#*2$' - 1%+ .'70- ;8 -0 6 $,0 ,'.,0# 66'2'%!+ $ 1, 4 $,0 :*:'!+ 10#0 %++'.-05 %-5 *-50# 1, 4 $,08 +0#705 % + #$ 6 %: :#0-$'20+,': -0 6 $,0+0 :*:'!+ 1#'$0+ $, '+ 4%+$0# R 1%+ 1'$, $,00 +'-20 1%+ ;# *.,$ *: %+ % 2,'!5 $, *5'5+$;0%$ 48 ;%23 %-5 $,8 '-+$#*2$' -+ 10-$ '-$ 48 0%#+ S ,0#0 4*+$,%70 ;00- %!%#.0 -*49 ;0# 6 $,0+0 R '-+$#*2$' - *+0+ S %+ $,0 +2, !+ 10#0 2%!!05 $ $#%'- $,0 7%+$ %#48 6 66'2'%!+ 1, ! 305 %6$0# $,0 %66%'#+ 6 $,0 . 70#-40-$,0 #%-3+ 6 $,0 66'2'%!+ 10#0 #02#*'$05 !%#.0!8 6# 4 $,0 4'55!0 2!%++
'+2':!'-0 1%+ +070#0 %-5 $,0#0 1%+ :!0-$8 6 6! ..'-. ,0 .8:$'%-+ ,0!5 $,%$;8 $,'+ 40%-+ $,08 10#0 %;!0 $ $#%'- %!! %-'4%!+ R ,0 8 *$, %+ %;%23 ,0 %$0-5+ 1,0- '$ '+ ;0%$0- S R :0-5 - $ $,8 5%8 '- '5!0-0++ # $, *' 1'!$;0 6! ..05 # $,0 0%#+ 6 $,0 8 *-. %#0 :!%205 - $,0 ;%23 %-5 ,0 ,0%#+ 1,0- ,0 '+ 6! ..05 S '$,'+*2, :#020:$+ %+ $,0+0 2 -$'-*9 %!!8 :*$'-$:#%2$'20 '$ '+ 1 -50# $,%$ 10 %#0 $!5 $,%$ $,0 2,'!5#0- !06$ +2, ! 1,0- $,0 - , *# 1%+ %- *-205 S +, *$'-. 6 # & 8 S ,0 4%+$0# +%1 $ '$ $,%$ $,0 ; 8+ 5'5 - $ 70#9 +!00 : $,04+0!70+ $, *+ 4 '++'-. :%#$ 6 !0++ - $' 40 $,0 #0+*!$+ 6 1,'2, $,08 10#0 $%*.,$ R 0-5*#05 6 #070# !'30 $,0 4 *-$%'-+ S ,0 ; 8+ 10#0 +:%#'-. !8 605 $,#00 # !!+ 6 ;#0%5 %-5 $1 '& *.+ 6 ;00# ;# *.,$ 5%'!8 6# 4 , 40 ;8 $,0 4 $,0#+ 2 -+$'$*$05 $,0 +2%-$ 6%#0 *: - 1,'2, $,08 ,%5 $ +*;+'+$ 1,'!0 $,08 !0%#-05 $,0'# !0++ -+ 2 -+'+$'-. !%#.0!8 6 R '-+$#*2$' -+ S # :#020:$+ %4 -. 1,'2, 10#0 +*2, %+ W 0 - $.#0058 $!! $,8 ; 58 S R ,%#0 $,8 ;#0%5 1'$, $,0#+ S ,0 ; 8+ :# ;%;!8 ! 305 *: - +070#'$8 %+ % 4%$$0# 6 2 *#+0 $,0'# #070-.0 2%40 1,0- $,08 '- $*#- ,%5 ;02 40 4%+$0#+ %-5 6! ..05 $,0'# :*:'!+ # 1,0- %+ 66'2'%! +2#';0+ $,08 ,%5 $,0 :!0%+*#0 6 +00'-. $,0'# 50:*$'0+ ,!0 $,0 $%E:%80#+ ;06 #0 $,04 1,'!0 $,08 4%50 $,0 '-70-$ #'0+ 6 $,0 %++0++';!0 :# :0#$8 $,0 :# ;%;!0 7%!*0 6 1,'2, 1%+ *+*%!!8 %+20#$%'-05 -!8 %6$0# $,0 %54'-'+$#%$' - 6 + *-5 ;0%$'-.+
5*2%$' - '- -2'0-$ .8:$ 2 -+'+$05 !%#.0!8 '- $,0'-2*!2%$' - 6 0$,'2%! :#020:$+ :#%2$'2%! :,'! + :,8 %-5 . 5 4%--0#+ ,0 ; 8+ %!+ #020'705 '-+$#*2$' - '- .84-%+$'2+ %-5 +1'4 4'-. 6$0# $,08 ,%5 4%+$0#05 $,0 %#$ 6 1#'$'-. 1,'2, 4*+$,%70 ;00- %- 0E2005'-.!8 !%;#' *+ $%+3 $,08 10#0 +0$ $ 1 #3 %$ 2 :89 '-. R '-+$#*2$' -+ S -0 6 $,0 !50+$ 0E9 %4:!0+ 6 $,0 5'5%2$'2 +2, !'$0#%$*#0 '+ $,0 + ! 0 + 6 5%$'-. 6# 4 $,0 ;0.'--'-. 6 $,0 '55!0 '-.5 4 ;*$2 -$%'-'-. $,0 1'+5 4 6 %.04-% -5 $%,?, $0: 7'G'0#+ #0+:02$'70!8 6 -06#* 6 $,0 *#$, %-5 +0+ 6 $,0 '6$, 8-%+$8 4 -. $,0 +%8'-.+ 6 $,'+ ; 3 %#0 $,0 6 !! 1'-. R 0 - $:# *5 6 $,'-0 1- !0%#-'-. ;*$ 5 $, *$ $%30 2 *-+0! 1'$, %!! 40- 6 # '$ '+ : ++';!0 $!0%#- 6# 4 %!! #0%$ % 70-0#%;!0 1'+0 4%- 1'$, #0+:02$;*$ 2 ##02$ $,'-0 0U*%! 1,0- ,0 4%'-$%'-+ % 1# -. :'-' - %! *4-'0+ +, *!5 -070# ;0 #0:0%$05 - % +$#%-.0 , *+0 ! 3 - $ %$ $,0 1 40- 4%##8 .'70 6 5 $ $,8 , *+0, !5 !0$,0#0 ;0 - U*%##0!'-. %; *$ $,0 5'+$#';*$' - S 70- 4 #0 50$%'!05 '+ $,0 %57'20 6 $,0 '-+$#*2$' - 5%$'-. 6# 4 $,0 4:'#0 R 0$ $,'-0 080 ;0 :0- !0+$ $, * ;02 40 % ;0..%# 6 # $,0 4%- $,%$ '+ '5!0 2 40$, - $ $, - # -$0# - $ *-'-7'$05 '-$ $,0 , *+0 6 %- $,0# '6 ,0 ;'5+ $,00 0-$0# $, * %#$, - #05 3 - $ %# *-5 '- $,0 , *+0 6 %- $,0# 6 $,'-0 080+ +00 %-8$,'-. ;0 +!0-$ %; *$ $ $ $ $ 4%-+ #*'- !'0+ '- ,'+ $ -.*0 $ - $ +'$ 5 1- 1,'!0 %- $,0# +$%-5+ 1, '+ !50# $,%- $, * # 1, , !5+ %,'.,0# 66'20 $,%- $,'-0 S *$$,0#0 10#0 $,0# 6 #4+ 6 !'$0#%$*#0 1,'2, $,0 ; 8+ 2 :'05 %-5 +$*5'05 6%7 #'$0 6 # %! 4 +$%$, *+%-5 80%#+ 1%+ $,0 +$ #8 6 '-*,0 1#'$$0- '- $,0 '55!0 '-.5 4 %-5 $0!!'-. 6 $,0 %570-$*#0+ 6 $,'+ ; !04%- 1, 5 *;$!0++ 6 # : !'$'2%! #0%+ -+ 1%+ 2 4 :0!!05 $ 6!00 $,0 2 *-$#8 - $,0 %220++ - 6 0+ +$#'+ H>P)K? >PJQ F %-5 1, %6$0# +:0-5'-. %! -. $'40 '- 8#'% 1%+ :%#5 -05 '- ,'+ !5 %.0 ;8 $,0 ,%#% , %-5 %!! 105 $ #0$*#- , 40 ,0 $'40 6 $,0 '55!0 '-.5 4 1%+ $,0 2!%++'2%! %.0 6 .8:$'%- !'$0#%$*#0 0+'50+ $,0 +$ #8 6 '-*,0 10 ,%70 %- %22 *-$ 6 $,0 %570-$*#0+ 6 $,0 :# $ $8:0 6 '-;%5 $,0 %'! # H #0%+$05 1 ! / ! 6 : NKJF %'#8 $%!0+ 2'#2*!%$05 %4 -. $,0 2 44 - :0 :!0 %-5 6 *-5 0E:#0++' - '- !'$0#%#8 6 #4



MNO

,0 - * 4 ; 0# 6 : * : '!+ 0 -# !!05 '- %!! 2!%++0+ 6 +2, !+ %$ $,0 5%$0 6 $,0 !%+$ #0: #$ H>P)F 1%+ N)) MMQ HNMP NNO 4%!0+ JK L>P 604%!0+F 6 $,0 $ $%! - * 4 ; 0# >LQ Q>Q %$$0-505 $,0 3*$$%;+ ,0 6 !! 1'- . $%;!0 +, 1+ $,0 5'+$#'9 ; *$' - 6 $,0 #04%'- '- . >>J MJK : * : '!+

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- . !'+ ,		NQ	>QJ	N N)L
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* + $#'% -		>K	O)	> OML
* $2 ,		N	L	>QP
#0 - 2 ;		>JL	> >)Q	>L)KQ
0#4%-		Q	OK	)NN
#003		JN	>QM	Q LLM
$%!'% -		MK	NOL	Q LOO
$,0#		N	NM	M)>
$% !		LJQ	Q MLQ	>>J MJK

0#8 -0%#!8 ,%!6 $,0 %; 70 +2, !+ JJO %-5 4 #0 $,%- ,%!6 $,0 : * : '!+ O) JL) 10#0 #0: #$05 6# 4 %'# !0E%-5#'% -5 $,0 $,#00 2%-%! $ 1-+ #$ %'5 +4%'!'% -5 *0G ,0 4 50#- +2, !+ 4%'-$%'-05 ;8 $,0 .8 : $'%- . 70#- 40-$'- >PK) 10#0%+6 !! 1+ /

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- %55'$' - $ $,0 . 70#- 40-$ +2, !+ $,0 #0-2, 4%'-$%'- %$ %'# -0 , ' . , 0# +2, ! 6 # 8 * - . 40- 1 , '2, ' - >PK) , %5 NPQ +$*50-$+ ,0 40#'2%- +2, !+ 2 4 :#'+05 '- $,0 $%; !0 +, 1'- . - %$' - %!'$8 %#0 '- 2, %#. 0 6 $,0 40#'? H(%- '++' - %-5 %#0 2, '06!8 :#'4%#8 ; *$ $, '+ #. %- 'G%$' - 4%'-$%'- + % 2 !!0. 0 6 # .'#!+ %$ %'# 1 , '2, , %+ .0-0#%!!8 ;0$100- +'E$8 %-5 +070-$8 +$*50-$+ , 0 #04%'- . , ' . , 0# '-+$'9 $*$' - + %#0 -%$'70 6 !! 1'- . $,0 $#%5'$' -+ 5 2$#'-0+ %-5 40$, 5+ 6 $,0 7%#' *+ #0!' . *+ +02$+ , 0 !%#. 0+$%-5 4 +$'4 : #$%-$ 6 $,0+0 '+ $,0 -'70#+'$8 1'$, PPMK +$*50-$+ %-5 JNP $0%2,0#+ , '+ '+ $,0 !50+$ '-+$'$*$' - '- .8 : $ 6 * - 505 '- PLN %-5 -0 6 +'E , ' . , 0# '-+$'$*$' -+ , %7'- . ; %$ $ $%! 6 >Q KKK +$*50-$+ 4%'-$%'-05 ;8 $,0 %U6+ %54'-'+$#%$' - # #0!' . ' *+0-5 140-$+ :0#$%'-'- . ; $,0 4 +U*0+ 0+'50 $,0 +'E , ' . , 0# '-+$'$*$' -+ $,0 %U6+ %54'-'+$#%$' - 4%'-$%'-+ $,'#$8? -0 :#'4%#8 +2, !+ 1'$, -0%#!8 □□□ : * : '!+

-0 6 $,0 4 +$'4 : #$%-?$ 066 #$+ - $,0 : %#$ 6 $,0 .8 : $'%- . 70#- 40-$'- #0+ : 02$ 05*9 2%$' - '+ $,0 4%'-$0-%-20 6 5%8 %-5 070-'- . $02, - '2%! +2, !+ ,0 6 #0'. - *$, #'$'0+ ,%70 %!+ 0 - . %. 05 !%#. 0!8 '- ' $, '+ 1 #3 !$ .0$, 0# $,0#0 10#0'- >PK) 6 *#$02, - '2%! 070-'- . +2, !+ 4%'-$%'-05 ;8 $,0 . 70#- 40-$ %$ %'# %-5 +'E 6 #0'. - 070-'- . +2, !+ 6 $,0 +%40 2!%+ 5'+$#'; *$05 ;0$100- %'# !0E%-5#'% %-5 $,0 2%-%! : #$+ ,0+0 +2, !+ 0-# !!05 P>N +$*9 50-$+ 6 1, 4 NLJ 10#0 -%$'70+ ,0#0 10#0 %!+ $,0 +%40 80%# 5%8 $02, - '2%! +2, !+ 1'$, LNO +$*50-$+ ,0#0 %#0 +070#%! 6! *#'+, 9 '- . 2 440#2'%! +2, !+ '- 2, %#. 0 6 #0-2, 2!0#'2%! #50#+

4 $'40 '4404 #'%! '-5'.0- *+ +2, !+ 3*$$%;+ ,%70 ;00- +2%$$0#05 $,# *., *$ .8 : $ + 40 %#0 %$$%2, 05 $ 4 +U*0+ $,0#+ %#0 4%'-$%'-05 ;8 : ' *+ $#*+$+ %-5 + 40 %#0 : *#0!8 : #'7%$0 $ 1%+ - $ *-$'! >)PL $,%$ %- 0-50%7 # 1%+ 4%50 $;#'- . $,0+0 #*5'9 40-$%#8 +2, !+ 1'$, '- $,0 +:, 0#0 6 50 : %#$9 40-$%! +*: 0#7'+' - !! 1'- . -.!'+, :#02090 50-$+ $,'+ 1%+ 5 -0 ;8 % +8+$04 6 '-+ : 02$' - %-5 %1%#5+ 6 1, '2, $,0 +2, !+ 4'., $ %7%'! $,04+0!70+ 70#- 40-$%'5 1%+ 4%50 50 : 0-59 0-$ '- 0%2, 2%+0 *: - 5%'!8 '-+$#*2$' - '- $,0 $, #00 0!040-$%#8 +*; &02$+ %: %#$ 6# 4%-8 #0!'.9 ' *+ $0%2, '- . 2 4 ; '-05 1'$, $,0 #0: #$ 6 $,0 . 70#- 40-$ '-+ : 02$ # %+ $ $,0 .0-0#%! 2 -5'9 $' - 6 $,0 +2, ! ,0 .# 1$, 6 $,0 +8+$04 '+ +, 1- ;8 $,0 6 !! 1'- . '+$%$'+$'2+ /

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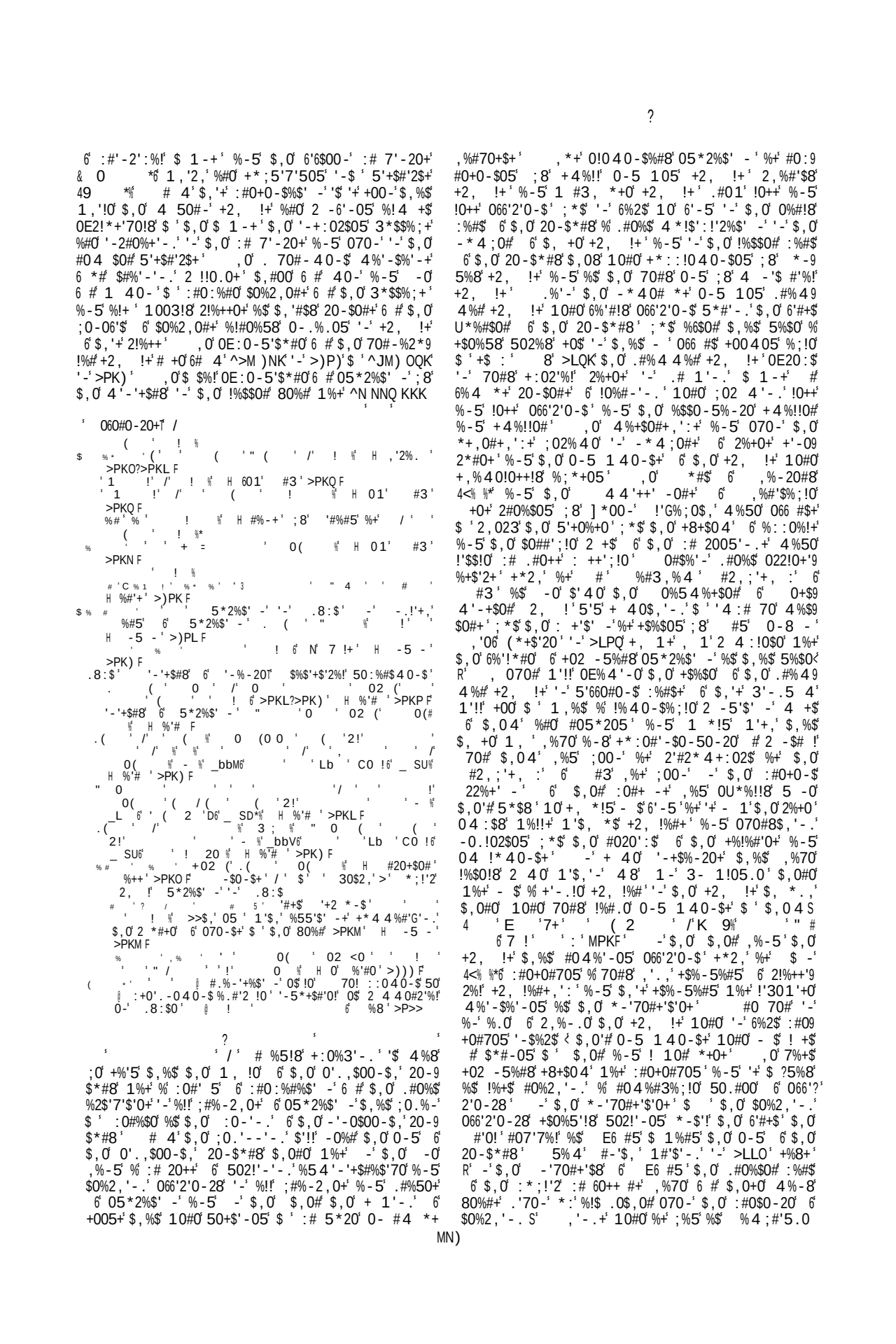
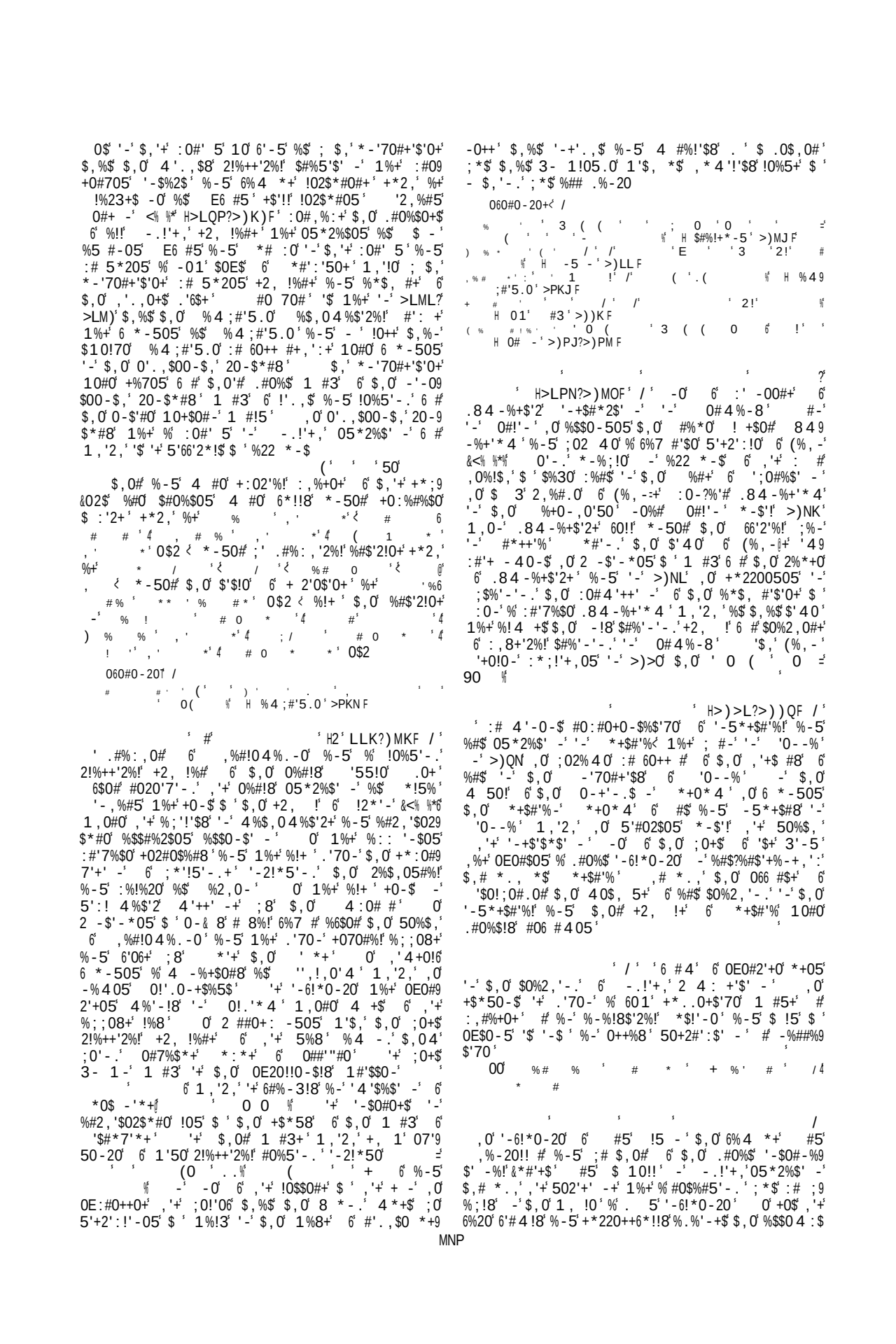
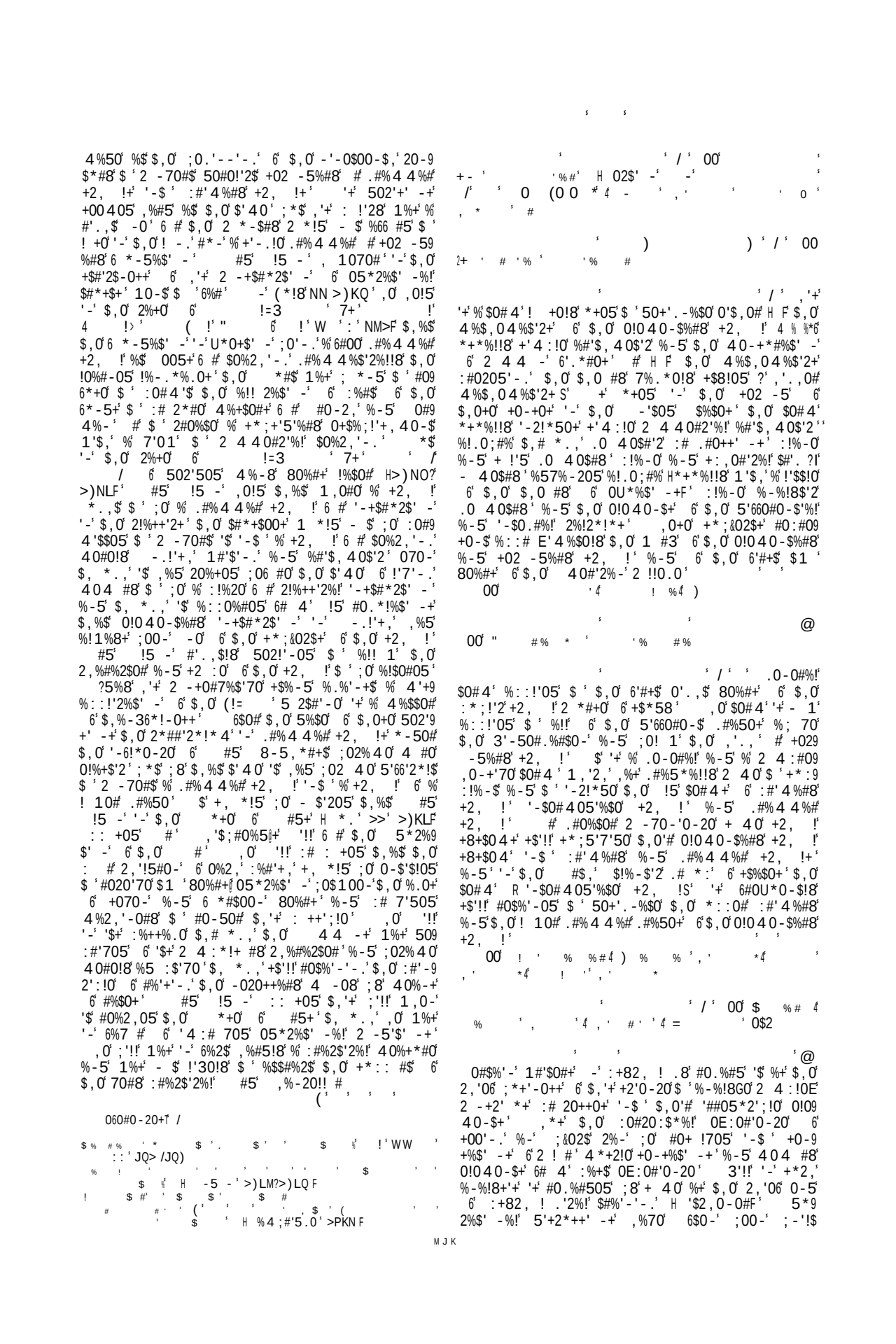
>)P)	JK>	O PJ)	QP)	L QJO	-	^N MLQ		
>PKP	JQ)>	>LM KNJ	>O)QN	>PK)LQ	JKQM	>N JPQ		

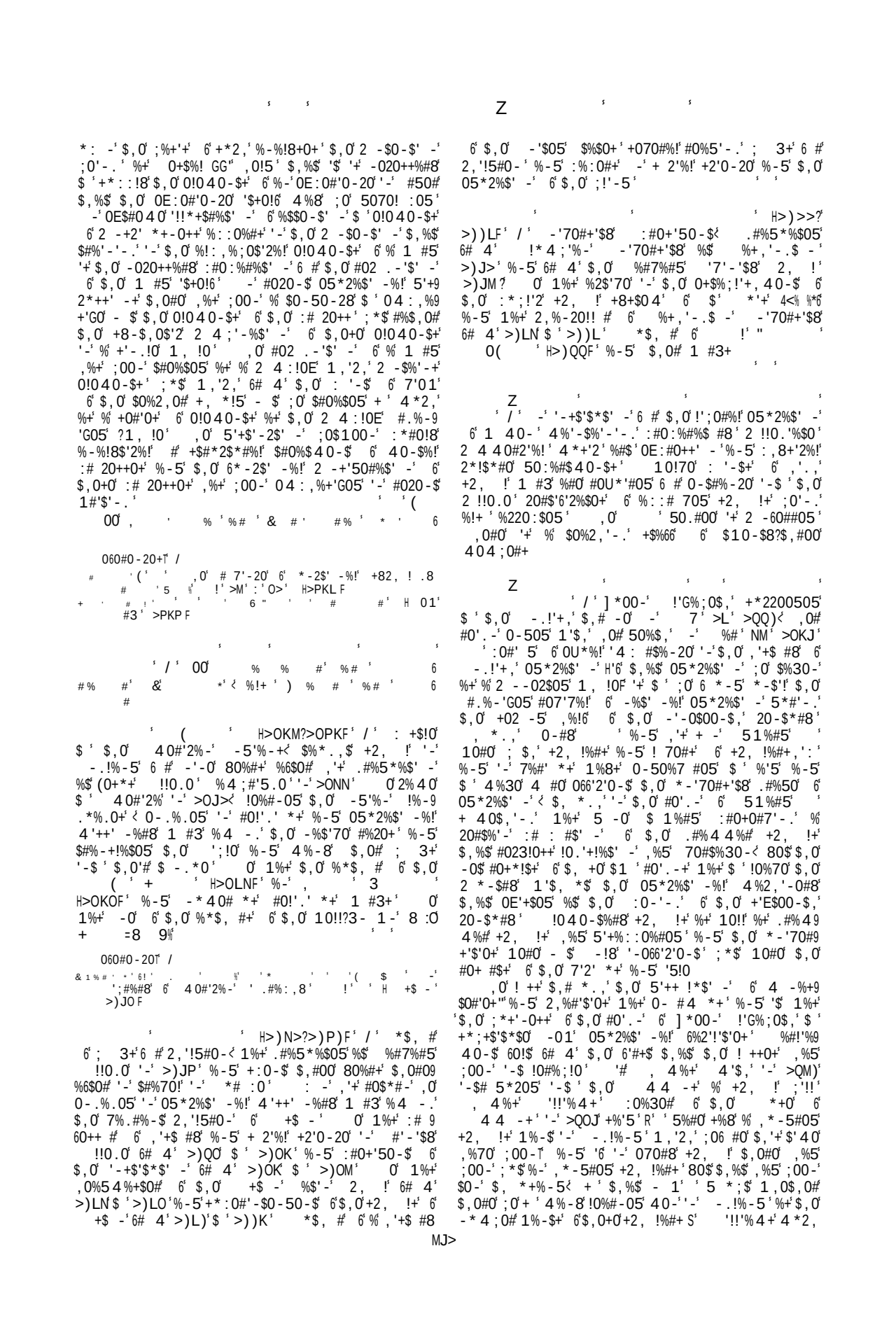
+$%%6 6 $,#00 '-+ : 02$ #+ %-5 $,'#$8?+'E +*; ?'-+ : 02$ #+ +070#%! 6 1, 4 %#0 - .!'+, '+ 4%'-$%'-05 ;8 $,0 '- '+$#8 6 5*2%$' - '- $,0 0E2!*+'70 '-$0#0+$ 6 $,'+ 1 #3 ,0#0 %#0 %!+ >MJ 3*$$%;+?*-50# $,0 '4405'%$0 2 -$# ! 6 $,0 4'-'+$#8 1'$, '%; *$ >NKK : * : '!+ ,'+ ;#'- . $,0 $ $%! - *4 ; 0# 6 : * : '!+ '- + : 0#7'+05 3*$$%; + $ NKN KKK ,'!0 $,0 '-+$#*2$' - '+ .'70- '- $,0 70#-%2*!%# $ - .*0+ $,0 0-50%7 # '+ 4%50 $ '*+0 4 50#- 40$, 5+ %-5 %+ 6%# %+ $,0 !'4 '$05 +2 : 0 6 $,0 +2, !+ : 0#4 '$+ ' 4 : %#$ 4 50#- '50%+

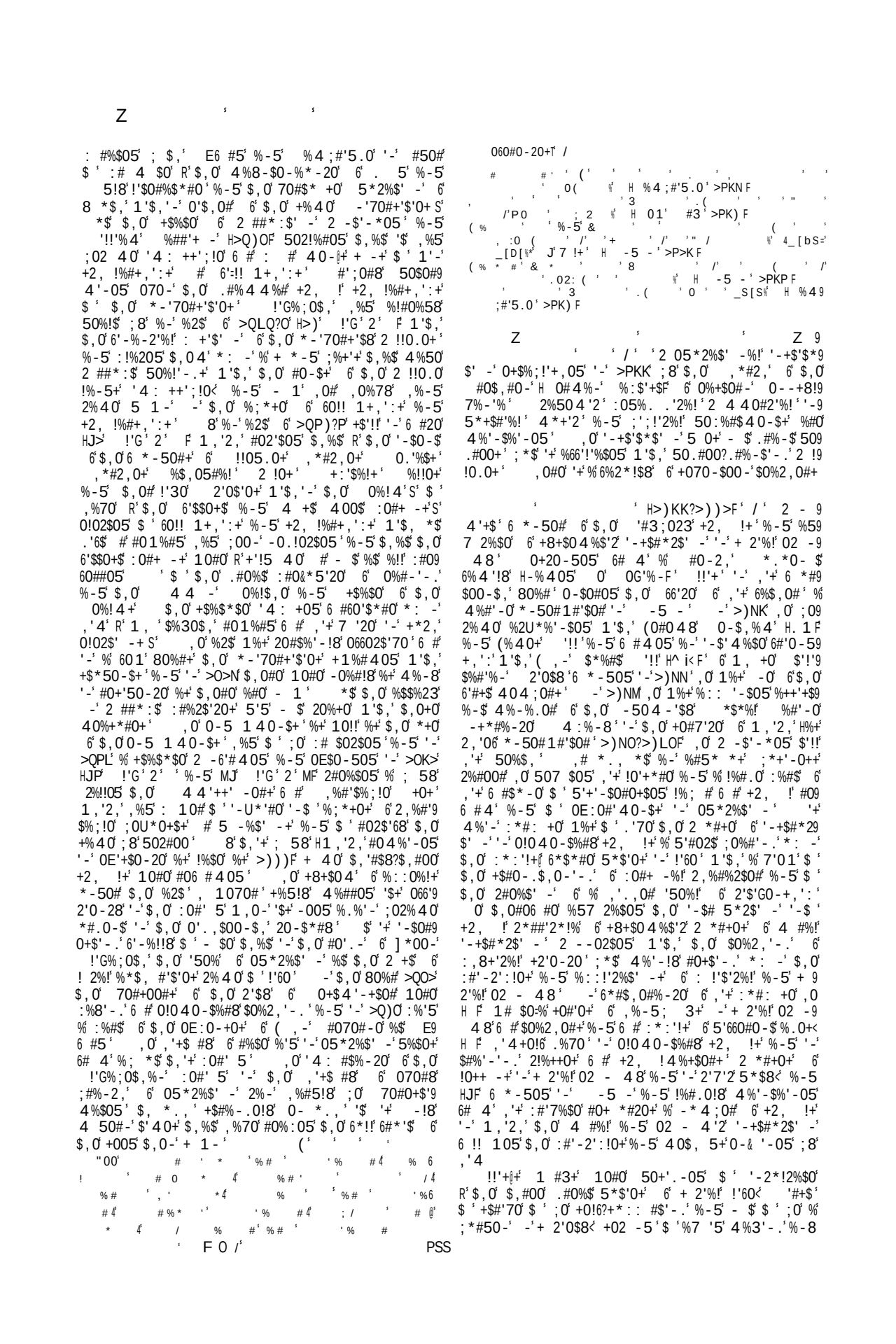
- $,0 +$%$'+$'2%! #0: #$+ $,0 +2, !+ %#0 %#9 #%- .05 *-50# $,0 5'%%0#0-$! 2%! 5'7'+' - + -%40!8 $,0 6'70 . 70#- #+, ': + & /; *

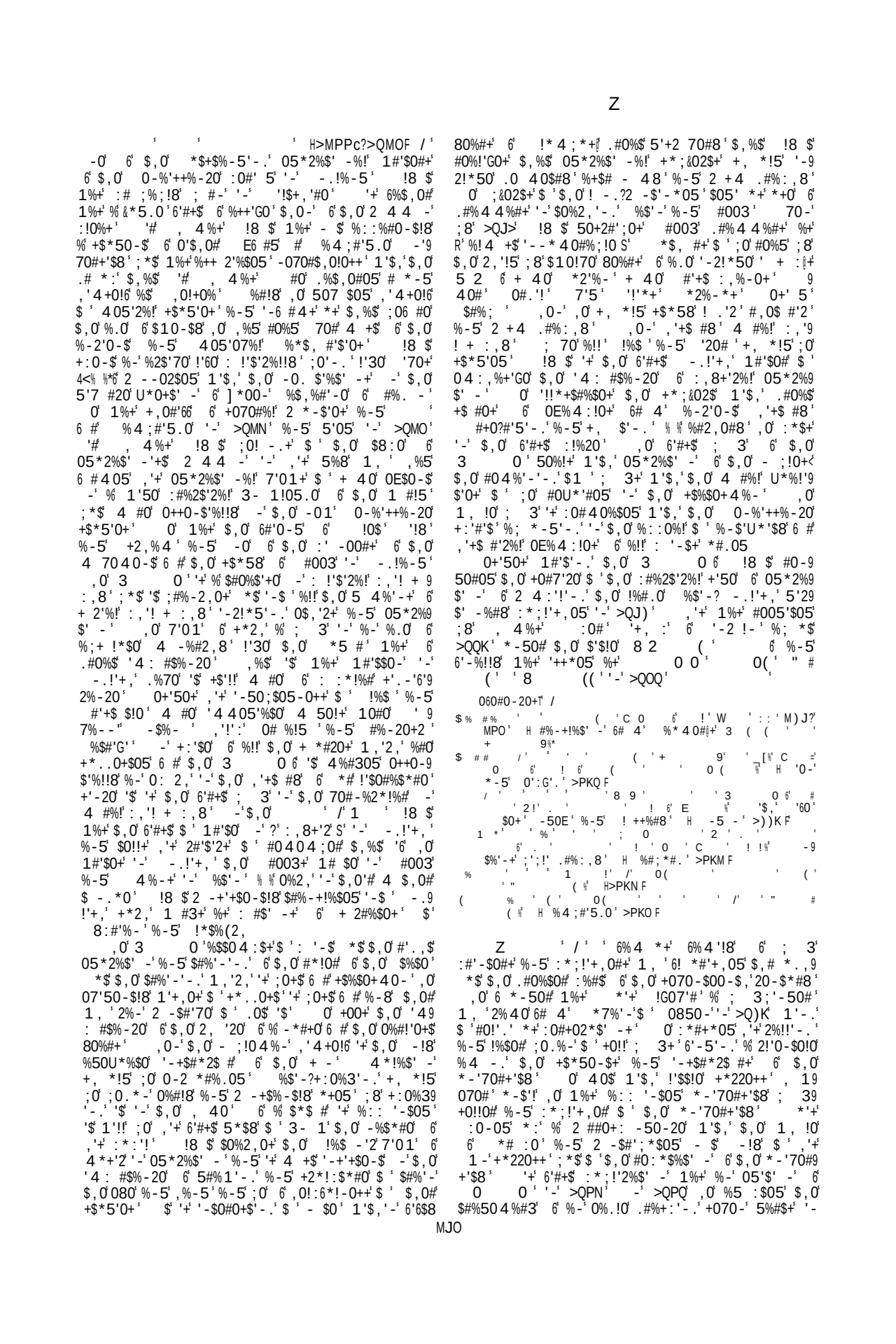












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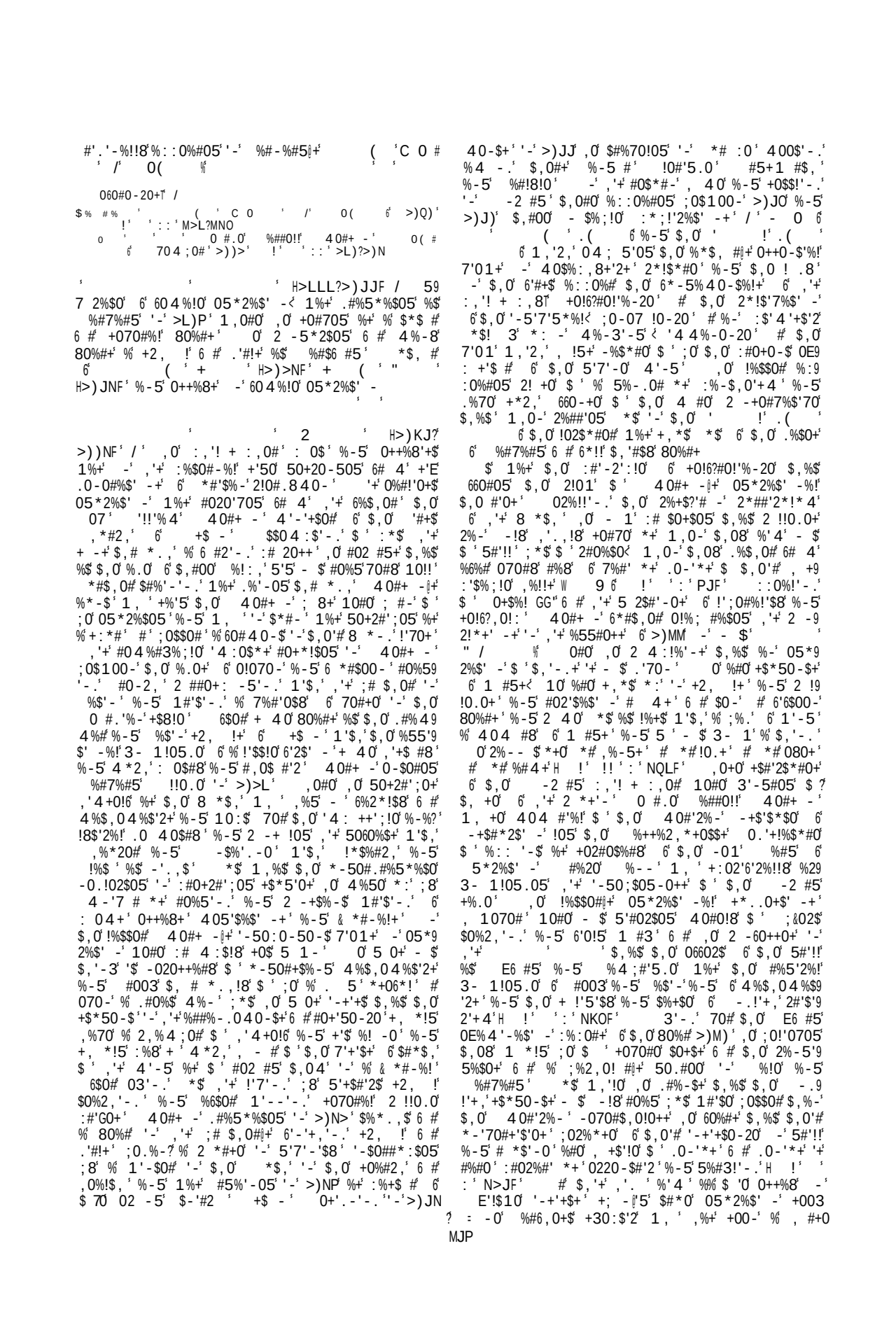
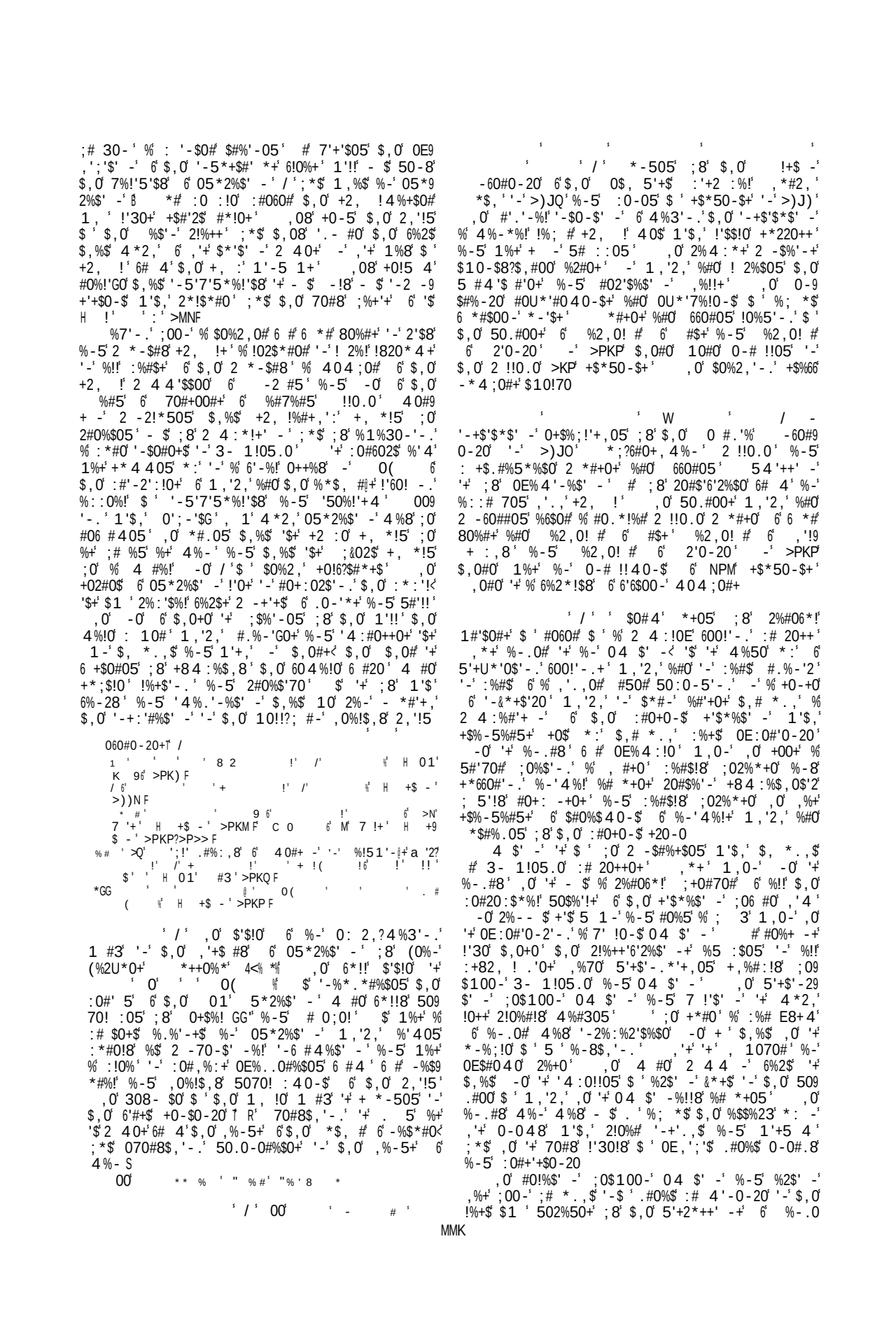




%-5 (%-'0+ H(%40+? %-.0 $,0 #8F ,0+0 $1 %*$, #+5#01 %$$0-$' -$ 0 $,0 6%2$ $,%$ % 7' 9 !0-$; 5'!8 #0%2$' - '- 4%-8 2%+0+ :#02050+ $,0 04 $' -%! 2 -+2' *+-0++ %-5 2 -5'$' -+ '$,*+ $,0 40!%-2, !'2 :%$'0-$,%+ 20#$%'- 2,%#%2$0#'+$'2 7'+20#%! 2 -$#%2$' -+ ,0+0 %#0 '- - 1'+0 5*0 $ 2 -+2' *+ +$%$0+ ,08 4%8 ;0 5*0 $:*#0!8 :,8+'2%! 2%*+0+ $;0 + *.,$ '- $,0 #.%-'+4 %-5 '$+ +$%$0 6 -*$#'$' - ,0+0 7'+20#%! 2 -$#%2$' -+ 2 -5'$' - , 1070# % +$%$0 6 2 -+2' *+-0++ + : 10#6*! %-5 0-5*#9 '-.$,%$+ -0# # !%$0# $,0 40-$%! !'60 6 $,0 :%$'0-$ 1'!! ;0 2 4 :!0$0!8 20-$0#05 %; *$ $,0 50:#0++05 04 $' -%! +$%$0 - !'30 $0#4+ (%40+ : '-$+ *$ $,%$ $,0 $#*0 #50# 6 :# 9 20++0+ '+ - $ '4:#0++' - 04 $' - %2$' - ; *$ '- 4%-8 2%+0+$,0'4:#0++' -'++*0+ '4405'%$0!8 '- %2$' - %-5 $,0 04 $' - 6 !! 1 %6$0# $,0 %2$' - '+ 10!! *-50# 1%8 ,*+ -0 +00 5%-9 .0# %::# %2,'- 0 +$%#$+ $ #*- # ,'+ 4*+2!0+ .# 1 #'.'5 '- '-+$%-$%-0 *+ 2 -$#%29 $' - 6$0# $,0 %2$' '+ 10!! %57%-205 $,0#0 %#'+0+ '- 0E:0#'0-20 $,0 04 $' - 6 60%#' '309 1'+0 '- (%40+ $0#4+ 10 %#0 + ##8 ;02%*+0 10 100: '$' '+ - $ $#*0 $,%$ 10 100: ;02%*+0 10 %#0 + ##8

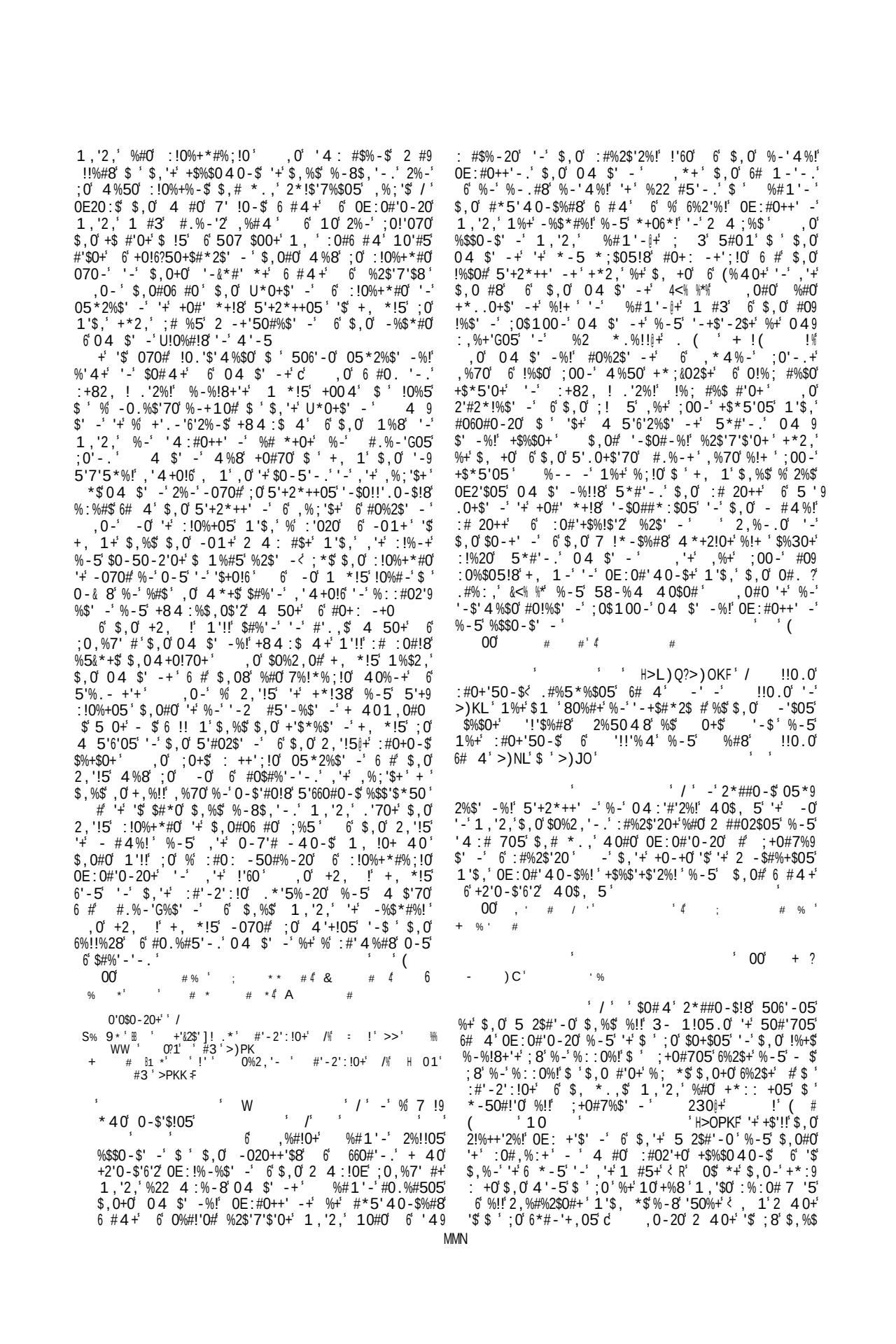
,0 $,0 #8 6 $,0 04 $' -+ %; 70 +0$6 #$, !%8+ .#0%$ 04 :,%+'+ *: - $,0 0E$0#-%! ; 5'!8 %2$,'+ 04 :,%+'+ '+ 0E$#0 40 ,0-' (%40+ +%8+ 6 # 0E%4:!0 $,%$ $,0#0 '+ - $,'-' '-%- 04 $' - '6$,0 4*+2*!%# %2$'7'$'0+ %#0 '-,';'$05 ,0 6%'!+ $ 5 &*+$'20 $ $,0 -0#7 *+ :# 20++0+ 1,'2,' %#0 $,0 #0%! 20-$#%! 2%*+0+ 6 ;$,' $,0 04 $' - %-5 $,0 %2$'7'$'0+ 00!'-. %-5 04 $' -+ 50:0-5 5'#02$!8 *: - -0#7 *+ 2 -9 5'$' -+ ,0+0 -0#7 *+ 2 -5'$' -+ %#0 *-9 5 *;$05!8 4 $ # #%$,0# $,%-+0-+ #8 '- $8:0 %+ 4%8 ;0 +00- ;8 $,0 %-%!8+'+ 6 %-8 04 9 $' -%! +'$*%$' - ,*+ $,0 +%40 :0#+ -4%8 -$1 +*220++'70 22%+' -+ ,%70 $1 $ $%!!8 5'660#0-$ 04 $' -+ '- $,0 :#0+0-20 6 0E%2$!8 $,0 +%40 +0-+ #8 +$'4*!' ,0- -0'+#0%5'-. %-'+0 5'+$*#;+ ,'4 ,0- ,0 '+ #0%58 $ '. *$6 # %1%!3 %-5 1%'$'-.'6 # $,0 +*44 -+ 6 ,'+ 2 4:%-' - $,0 +%40 + *-5 4%8 .'70 ,'4 .#0%$:!0%+*#0 ,0 + *-5 2%-- $ 0E9 :!%'-$,0 5'+:!0%+*#0 # $,0 :!0%+*#0 1,0-'$ '+ $#0%$05 40#0!8 %+ %+0-+ #8 '4:#0++' - ,0 + *-5 %# *+0+ '- $,0 $1 2%+0+ 50+2#';05 $1 $ $%!!8 5'660#0-$ $8:0+ 6 #0+: -+0+ - $,0 #0%50# $,0 4 $ # :# 20++0+ #*- 2 *-$0# $ $,0 1, !0 +0$ 6 %2$'7'$'0+ - 1 0+$%;!'+,05 ,0#0 '+ 2 -6*+' - '- $,0 '--0# -0#7 *+ 20-$0#+ ,0#0 4%8 ;0 +!'.,$ 4*+2*!%# #0+: -+0 ;*$ $,0 -0#7 *+ 2 4 4 $' - 4%8 ;0 .#0%$ - $,0 !'+$0-0# $,0 + *-5 #0!0%+0+ % :0-$?*: %#$'!!0#8 6 4 $ # :# 20++0+ ,0 0E,'!%#%$' - 6 #09 !0%+05 0E:02$%$' - .'70+ +%$'+6%2$' - *2,'%- %-%!8+'+ %+ $,'+ .'70+ 6*!! 10'.,$ $ $,0 4 $ # #0!%$' -+ 6 $,0 04 $' -+ 1'$, *$ '50-$'68'-. $,04 1'$,' 4*+2*!%# :# 20++0+

,0 6 #0. '-.' %-%!8+'+ 6 04 $' -%! :# 9 20++0+ '-$# 5*20+ %- '4: #$%-$!'-0 6 2 -9 +'50#%$' - 1,'2,' '+ +*..0+$05 ;8 (%40+ %-5 4 #0 6*!!8 2%##'05 *$;8 %2 *.%!! &. (+ !(!*% ,0 04 $' -+ %#0 70#8 !%#.0!8 2 -5'$' -05 ;8 '-+$'-2$'70 #.%-'G%$' -+ ,*+ 1,0-' %-' %-'4%!'+ #.%-'G05 $:0#6 #4 % 20#9 $%'-$8:0 6 %0$'7'$8 '$ 50#'70+ .#0%$ +%$'+6%29 $' -6# 4 $,%$ $8:0 6 %2$'7'$8 3'$$0-'+ #.%-'G05 + %+ $ +$%!3 :#08 %-5 +0'G0 '$;8 % +*550- !0%: ,'+ '-+$'-2$'70 $#%2$ '+ + 6*!!8 #.%-'G05 '-'$+ -0#7 *+ +8+$04 $,%$ 6# 4 0%#!'0+$5%8 -$,0 3'$$0-50#'70 :!0%+*#0 6# 4 $,0 :*#+*'$ 6 #0%! # '4%.'-%#8 :#08 ,0 # !!'-.';%!! +0$ $,0 3'$$0-# #.%-'G05 4 $ # :# 20++0 '- :0#%$' - ,0 %2$' -+ '-9 +$'-2$'70 %-5 -%$*#%!< $,0 04 $' - 6 !! 1 -%$*#%!!8 *: -$,0 4 $ # 5'+2,%#.0

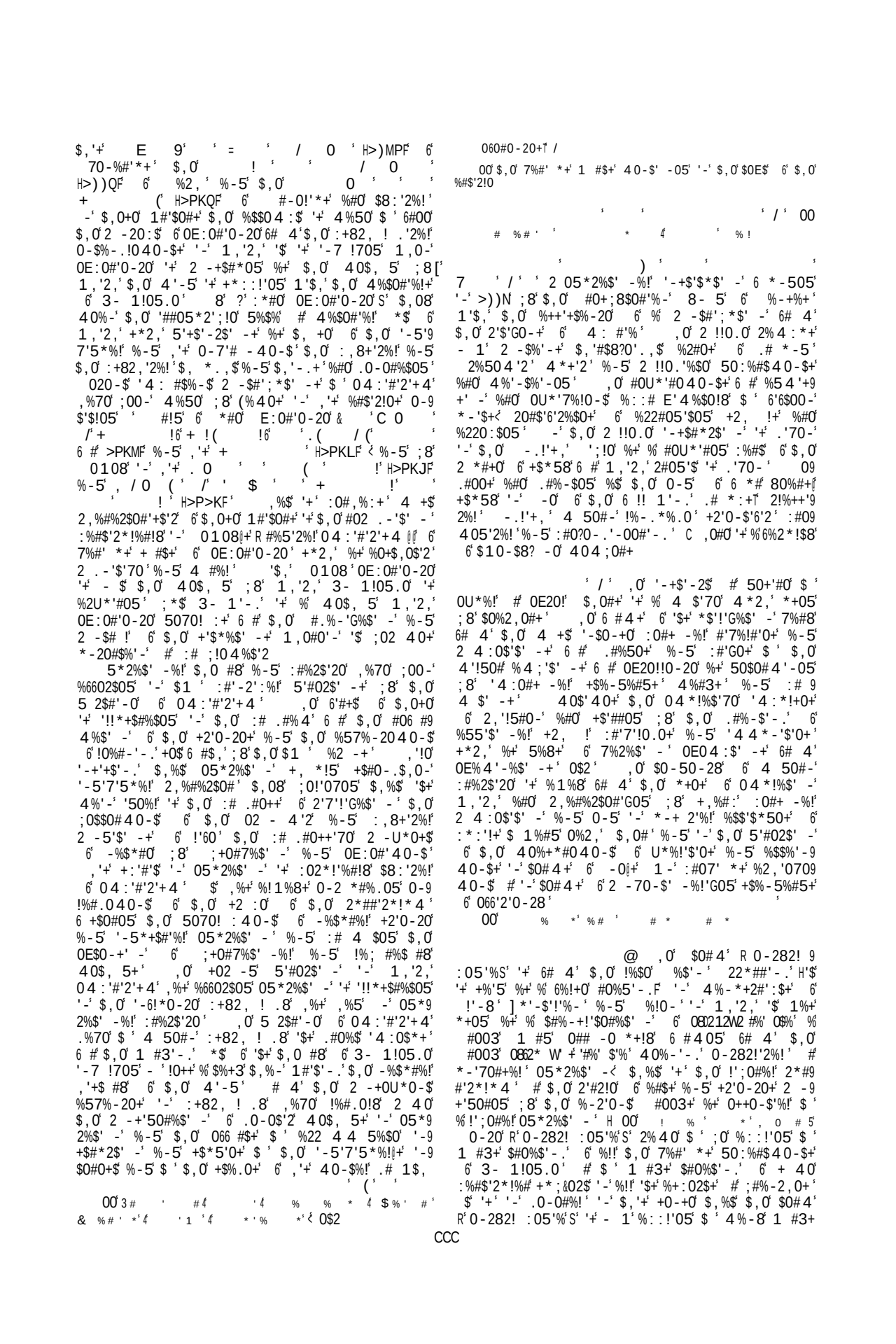
!0%+*#0 %$$%2,0+ - $ 40#0!8 $ '-+$'-2$'70 ;0,%7' #< % 10!!? #.%-'G05 ,%;'$ '+ %!+ % -%$*#%! %-5 %.#00%;!0 4 50 6 ;0,%7' # ,'+ 2 40 *$ 4 +$ 2!0%#!8 $,# *.,$ $,0 -0.%$'70 0E%4:!0 4%-1, ,%+ %!1%8+ ;00-''-$,0 ,%;'$ 6 .'-.'%; *$ $,0 # *$'-0 6 ,'+ 66'20 '-% .'70-1%8 1'!! ;0 '##'$%$05 ;08 -5 50.#00 ;8 $#'7'%! '##0.*!%#'$'0+ ,0#0 '+ -$,'-.' + 0E%+:0#%$'-.'%+ $;0 '-$0##*:$05 '-$,0 # *$'-0 6 5#0++'-.';8 $,0 ! +' 6 % -020++%#8 :%#$ 6 -0 +$:%#0! *2,' 0E%4:!0+ 4%30 '$ 2!0%# $,%$ 10 %#0 2 -$'-*%!!8 #.%-'G'-.' *# 04 9 $' -%! $0-50-2'0+ $,# *.,$,0 ,%;'$+ 1,'2,' 10 %2U*'#0 %-5 $,0 '-+$'-2$+ 1,'2,' 10 %!! 1 $ 5070! :

-0 2 -+:'2* *+ 0E%4:!0 6 2*!$'7%$05 04 $' -%! : ++';'!'$'0+ 1'!! ;0 6 *-5 1,0-' -0 +$*5'0+ %-8 6 $,0 %#$+ *+'2 ;0.%-' -$,0 :#'4'$'70 ;0%$'-. 6 5*!! - '+0?:# 5*2'-. ;&02$+''-#,8$,4'2%! +*220++' - ,0 #,8$,4 1%+ %-%$*#%! 0E:#0++' - 6 % 6*-5%40-$%! 4 50 6 -0#7 *+;0,%7' # 02%*+0 $,0 -0#79 *+ $'++*0 -%$*#%!!8 %2$+ '-#,8$,4+ %-5 ;02%*+0 $,0 + *-5 '-'$+ +*220++'70 %2$' -+ *:-$,0 -0#7 *+ $'++*0 2 '-2'505 1'$,' $,0 -%$*#%!$0-50-28 %-5 #00-6 #205 '$' $,0 :#'4'9 $'70 4*+'2%-0-& 805 $,0 #,8$,4'2%! - '+0 -$,0#0 2%40 $;0 % +0!02$' - 6 + *-5+ $,%$,%5 :'$2,' ,0 #'+0 %-5 6%!! :'$2,' $,0 %220-$*%$' - %-5 +84:%$,0$'2 %22 4:%-'9 40-$ 6 $,0 - '+0 ;8 7 2%! 2, #5 #0%2$' -+ '-2#0%+05'$,0 +%$'+6%2$' - 1'2%40 % .# 1$,' -'$,0 #%-.0 %-5 4 5*!%$' - 6 + *-5+ ,0-' 6 !! 105 2 4;'-%$' -+ 6 40! 5'0+ 6'-%!!8 $,0 .# 1$,' 6 ,%#4 -8 -8 .0-0$'2 +$*58 6 $,0 %#$+ 4%30+ '$ 07'50-$ $,%$ 4%-'.#01'- 04 $' -%! %::#02'%$' -$,# *.,$,0 2*!$'7%$' - 6 %2$'7'$'0+ %::# :#'%$0 $ $,0 %#$

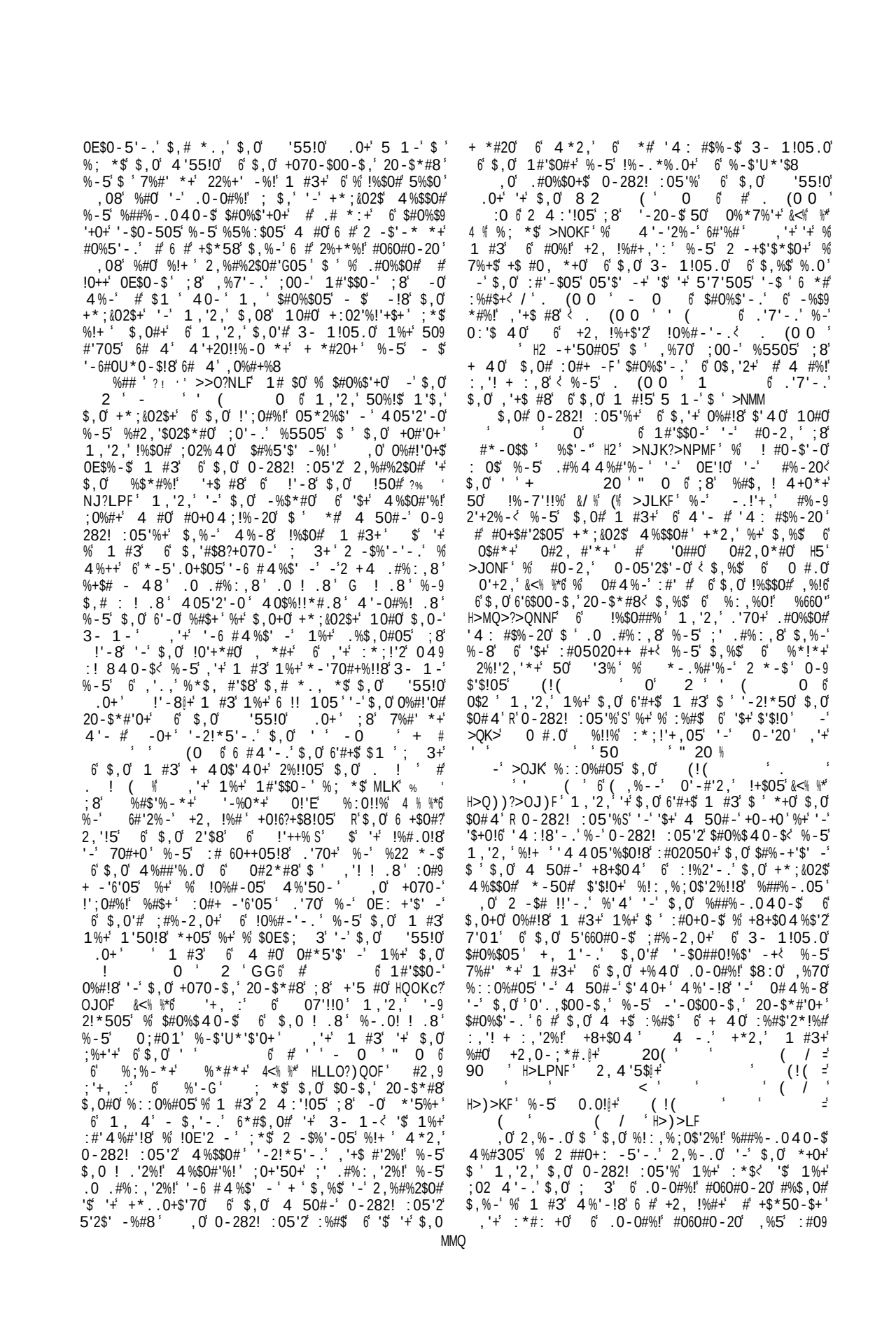
,0 6 #0. '-.' %-%!8+'+ '-$# 5*00+ $,0 4*2,? 5'+2*++05 :# ;!04 6 05*2%$' - 6 $,0 04 $' -+ $' '+ 6$0-%++0#$05 $,%$ $,0 +2, ! '+ :*#0!8 '-$0!!02$*%!'+$'2 $,%$ $,0 04 $' -%! +'50 6 $,0 2,'!5 -%$*#0 '+ -0.!02$05 $,%$ 10 5 - $6'-5 '- $,0 +2, ! $,0 10!!?# *-505 -%$*#0 1,'2,' +, *!5 ;0 2*!$'7%$05 '- $,0 - #4%!' 2,'!5 %#' *+ +*..0+$' -+ ,%70 ;00-4%50 %+ $ 40$, 5+ 6 2 ##02$'-.$,'+ +*:: +05 50602$ 40 6 $,0+0 +*..0+$' -+ %::0%# *-50# $,0 5 2$#'-0 6'-$0#0+$ &< %*% 0#;%#$%-5 :0-20# ; $,: '-$ *$ $,%$ -%$*#%! 40-$%! 5070! :9 40-$ %!1%8+ !0%5+ $ 6 #4+ 6 40-$%! %2$'7'$8

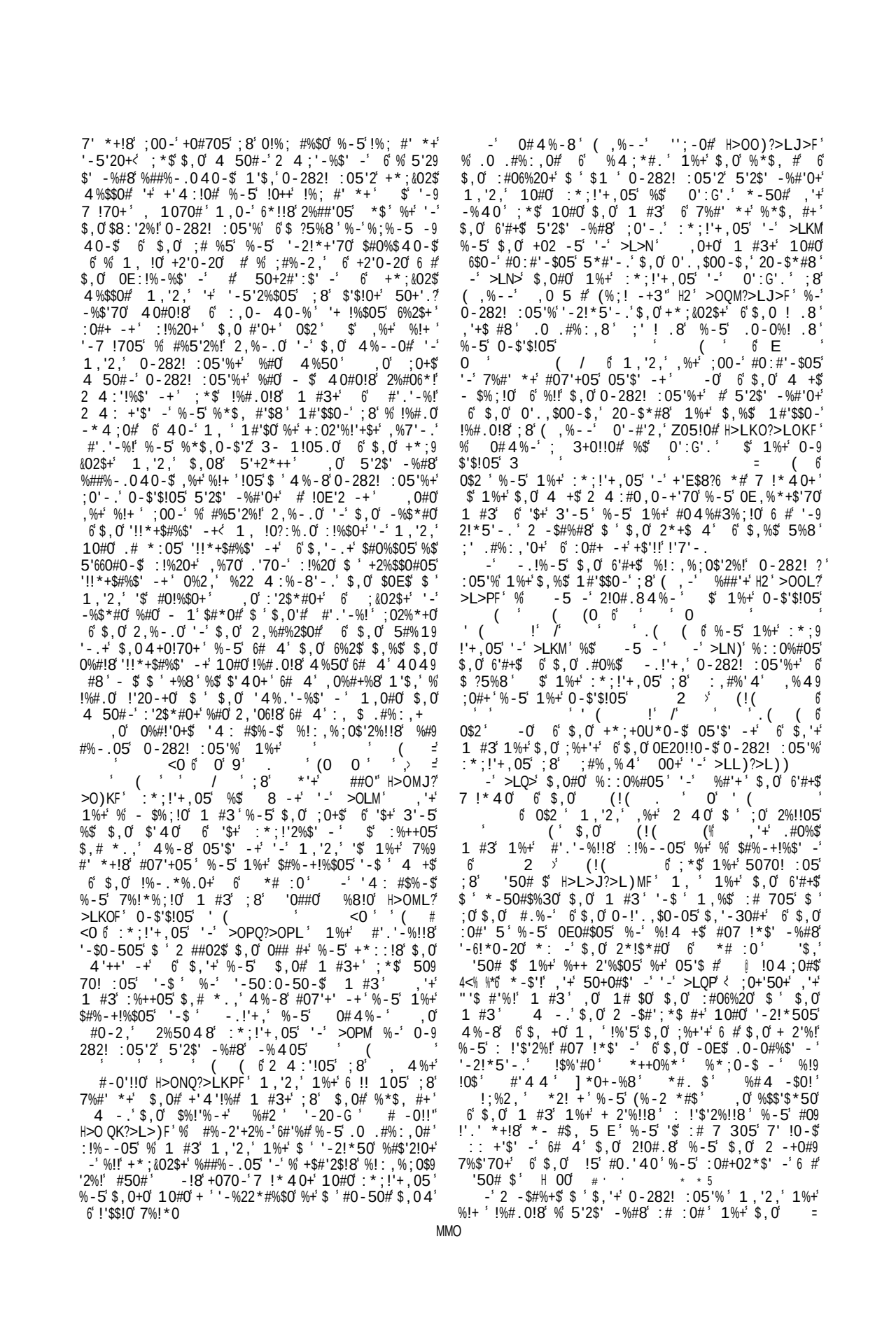


7%+$ +$ #0 1 ,'2, $, ; *+8 %-5 ; *-5!0++ 6%-28 6 4%- ,%+ :%'-$05 - '$ 1'$, %- %! 4 +$ 0-59 !0++ 7%#'0$8 ¢ ,0-20 ,%+ '$ %!! $, 4%$0#'%!+ 6 #0%+ - %-5 3- 1!05.0¢ $,'+ %-+10#'- -0 1 #5 '6# 4 0E:0#'0-20 '-$,%$%!! *#3- 1!05.0 '+ 6 *-505 %-5 6# 4 $,%$ '$ *!$'4%$0!8 50#'70+ '$+0!6 *# ;+0#7%$' - 04 :! 805 0'$,0# %; *$ 0E$0#-%! +0-+';!0 ;&02$+ # %; *$ $, '-$0#-%! :0#%$' - 6 *# 4'-5+ :0#20'705 %-5 #06!02$05 - ;8 *#+0!70+ '+ $,%$ 1,'2, +*::!'0+ *# *-50#+$%-5'-.+ 1'$,'%!! $, 4%$0#'%!+ 6 $,'-39 '-. ,0+0 $1 %#0 $, 6 *-$%'-+ 6 3- 1!9 05.0 6# 4 1,0-20 %!! $, '50%+ 10 ,%70 # 2%- -%$*#%!!8 ,%70 5 +:#'-.'S H 3 2, ' +02 NF 4:'#'2'+4 $,*+ 2 -20'705 1%+ :#'4%#'!8 % :# $0+$ %.%'-+$ $, 2 -$0-$' - $,%$ $,0#0 %#0 '- -%$0 '50%+ %-5 '-$*'$'70 :#'-9 2':!0+ 1,'2, %66 #5 % + *#20 6 3- 1!05.0 6 .#0%$0# %*$, #'$8 $,%- ;+0#7%$' - '$+0!6 - $,0# 1 #5+ 230 ,0!5 $,%$ $!''-3'-.'+ + !0!8 %- '-+$#* 40-$ 6 # 5'+2 70#'-.' 1,%$ #0!%$' -+ 0E'+$;0$100- ;+0#705 6%2$+ %-5 1,%$ 4%8 ;0 0E:02$05 6# 4 $,04 %-5 $,%$ '$ '+ 2 -9 $# !!05 - $;8 :#'-2':!0+ 6 '$+ 1- ;*$;8 $,0 2,%#%2$0# 6 $,0 4%$0#'%!! 1'$, 1,'2, '$ 50%!+ 230+ 5 2$#'-0 6 *-5 '$+ '4 405'%$0 %-$'$,0+'+ '- $,0 :,'! + :,8 6 $,0 %#$0+'%-+ 1, 4%'-$%'-05 $,%$.'70- 506'-'$' -+ %-5 :# : +'$' -+ 6 '-$*'$'70 20#$%'-$8 3- 1!05.0 6 +2'0-$'6'2 7%!'5'$8 2 *!5 ;0 505*205 6# 4 $,04 1'$, *$ $,0 2 -6'#4%$' - 6 ;+0#7%$' -< %-5 '$+ !%$0# %-$'$,0+'+ '- $,0 :,'! + :,8 6 %-$ %-5 ,'+ +*220++ #+ 1, 4%'-$%'-05 $,%$ 0E:0#'0-20 '-7 !70+ 4 #0 $,%- ;+0#7%$' - '-%40!8 $,0 1 #3'-.' 70# 6 $,0 4%$0#'%! 6 ;+0#7%$' - %22 #5'-.' $:#'-2':!0+ 6 2 49 ;'-%$' - 1,'2, $,%$ 4%$0#'%! '$+0!6 5 0+ - $ 8'0!5 ,0 %#$0+'%- 7'01' ,%+ ;00- 3- 1-< ,'+$ #'2%!!8 %+ #%$' -%!'+4 %-5 $,0 %-$'%- %+ 2#'$'2%! 04:'#'2'+4 # 2#'$'2'+4 40 6 230+ 6 !! 10#+ - $%;!8 -5'!!%2 4<% %* H>L>Q?>L)KF 2%##'05 ,'+ 5 2$#'-0 $ $,0 0E9 $#040 6 %66'#4'-.' $,%$ 0E:0#'0-20 '+ % 4%$$0# 6 +0-+0 '4:#0++' -+ 0E2!*+'70!8 - $,'+ 6 #4 04:'#'2'+4 3- 1- %+ 5'+$'-.*'+,05 6# 4 $, +0 2 -+'+$'-. 6 % +8+$04 6 2 ,0#0-$:#'-2':!0+ ,*+ #'+$ $!0 +%8+ R - 7'01 6 :#%2$'20 0E:0#'90-20 '+ '- #0+:02$ '-60#' # $ +2'0-20 - $,0 2 -$#%#8 10 ;+0#70 $,%$ $, +0 1, ,%70 0E9 :0#'0-20 %#0 4 #0 +*220++6*! $,%- $, +0 1, ,%70 $,0 #8 1'$, *$ 0E:0#'0-20 ,0 #0%+ -'+ $,%$ 0E:0#'0-20 '+ 3- 1!05.0 6 '-5'7'5*%! 2%+0+ 1,'!0 +2'0-20 '+ 3- 1!05.0 6 *-'70#+%!+ %-5 :#%2$'20 %-0 .0-0+'+ ,%70 '- 070#8 2%+0 #0!60#0-20 $ $,0 '-5'7'5*%! # $,0 :,8+'2'%- 5 0+ - $ 2*#0 4%- 0E20:$ '-2'50-$%!!8 ;*$,0 2*#0+ $!!'%+ # 2#%$0+ #+ 40 -0 6 $, +0 +'4'!%#!8 -%405 1, ,%:0-+ $;0 % 4%-S & ! (6 P)>% >J66 F ,0 .#0%$0# +0#79 '20%;!0-0++ 6 04:'#'2%! 3- 1!05.0 $,*+ #02 .9 -'G05 ;8 #'+$ $!0 ,%+ ;00- #0:0%$05!8 04:,%? '+'G05 '-$,0 ,'+$ #8 6 $, *.,$,0 $ '2+ %-5 :'2*#0%-+ /- $%;!8 '- $,0 2 -20:$' - 6 $,0 4'-5 %+ % 20 ;8 $,0 6 #40# / $0-505 $ 2 -+$#*0 3- 1!05.0 1, !!8 %+ % 2 !!02$' - 6 '-5'7'5*%! ;+0#7%$' -+ %-5 $,*+ $ %:: # %2, $,0 $,0 #8 6 230 - $,0 ,!'55!0 .0+ $,0 :0#602$' - .'70-$ 505*2$'70 +8+$04+ %-5 $,0 2 -+'+$0-$ %##%-.040-$ 6 506'-'$' -+ %-5 :# : +'$' -+ :# 5*205 % #0%29 $' -''-$,0'-$0#0+$ 6 4 #0 04:'#'2%! 40$, 5+ ,0 - 4'-%!'+$+.0-0#%!!8 10#0''-6!*0-$%!''-$,0 #0%2$' - ;*$ $,0 .#0%$0+$ 2 -$#';*$' - 6 $,0 '55!0 .0+ $ $,0 5070! :40-$ 6 04:'#'2'+4 1%+ 4%50 ;8 .0# %2 -'4 % %*% ,0 +'E$,' :%#$ 6 ,'+ 0 :0 6 0-$'$!05 (6 '+ #04%#3%;!0 6 # '$+ '!!*+$#%$' -+ 6 04:'#'2%! 40$, 5+ R 02%*+0 10 3- 1 - $,'-.' %50U*%$0!8 1'$, *$ 0E:0#'0-20 S ,0 *#.05 #%5'2%! #06 #4+ 6 # $,0 %57%-2040-$ 6 +2'0-20 %-5 $,0 ;0$$0#40-$ 6 05*2%$' - ;%+05 *: -' 04:'#'2%! :#'-2':!0+ *#'-.' $,0 0-%'++%-20 :%#$'2*!%#!8 1'$, +*2, 40-'%+ 0 -%#5 5% '-2'' H>MQN?>Q>PF '70+ H>MPN?>QMOF %4:%-0!!%' H>QO)?>OJPF %-5 %!'!0 H>QOM?>OMNF $,0 2!%'4+ 6 04:'#'2'+4 .#01 - $,0+0 40-'-$0#0+$ '- $,0 40$, 5 ! .8 6 04:'#'2'+4 '+ 5'+2 70#%;!0 $ 1%+ - $, 19 070# *-$'! $,0 :*;!'2%$' - ''- >ONK ;8 #%-2'+ %2 - 6 ,'+ - 0 6 $,%$ $,'+ 40$, 59 ! .8 #020'705 %-8$,'-.' %:: # %2,'-.' % 2 49 :#0,0-+'70 6 #4*!%$' - 66'#4'-.' $,%$ $,0 *-50#+$%-5'-.' !06$ $ '$+0!6 4 (0 2 0 * 2%-' %22 4:!'+,' - $,'-.' ,0'-+'+$05 $,%$ 3- 1!05.0 %57%-20+ :# 6'$%;!8 -!8 1,0-'2,02305 %-5 2 -$# !!05 ;8 +8+$04 %$'2 0E:0#'40-$%$' - %-5 $,0 2 !!02$' - 6 ;+0#7%$' -+ %22 #5'-.' $ #*!0+ $,0+0 #*!0+ ,0 .%70 $,0 6'#+$ .0-9 0#%!!8 #02 .-'G05 6 #4*!%$' - -+'50#%;!0 %57%-20 '- $,'+ 5'#02$' - 1%+ 4%50 ;8 '# (,- 0#+2,0! ;8 $,0 :*;!'2%$' - ''- >)JK 6 ,'+ 1 #3 .0 ! /- 0 .((6 1,'2, 1%+ -0 6 $,0 2,'06 + *#20+ 6 $,0 .! / (':*;!'+,05 ;8 (,- $*%#$ '!! &<% %* '- >)MJ '!!+ #04%#3%;!0 ; 3 *-50#9 $ 3 $ +0$6 #$,'%2 4:!0$0 ! .'2 %-5 40$, 59 ! .8 6 04:'#'2%! #0+0%#2, %-5 %!$, *.,' 4 5'6'05 '- 50$%'!+ ;8 +*;+0U*0-$ 1#'$0#+ ,%+ - $ 80$ %+ % 1, !0 ;00-+*:0#+0505 230+ 5 2$#'-0 1,'2, #020'705 + 40 0E9 $0-+' -''-$,0 1#'$-.+ 6 0#30!08 &<% %* H>O)Q?>LQJF %-5 *40 &<% %* H>L>>?>LLOF %-5 $,0 #'$'+, %++ 2'%$' -'+$+' '+ :0#,%:+ $,0 4 +$ 2,%#%2$0#'+$'2 :# 5*2$ 6 #'$'+, :,'! + :,8 - $,0 -$'-0-$ $,0 %-$'%- '-6!*0-20 ,%+ !05 - $ -!8 $,0 '50%!'+$'2 +8+$04+ 6 $, *.,$ 1'$, 1,'2, '$+ 5070! :40-$ '+ *+*%!!8 %++ 2'? %$05 ;*$ %!+ $ -01 6 #4+ 6 04:'#'2+4 *+*%!!8 3- 1- %+ R :*#0 04:'#'2'+4 S 6



CCC





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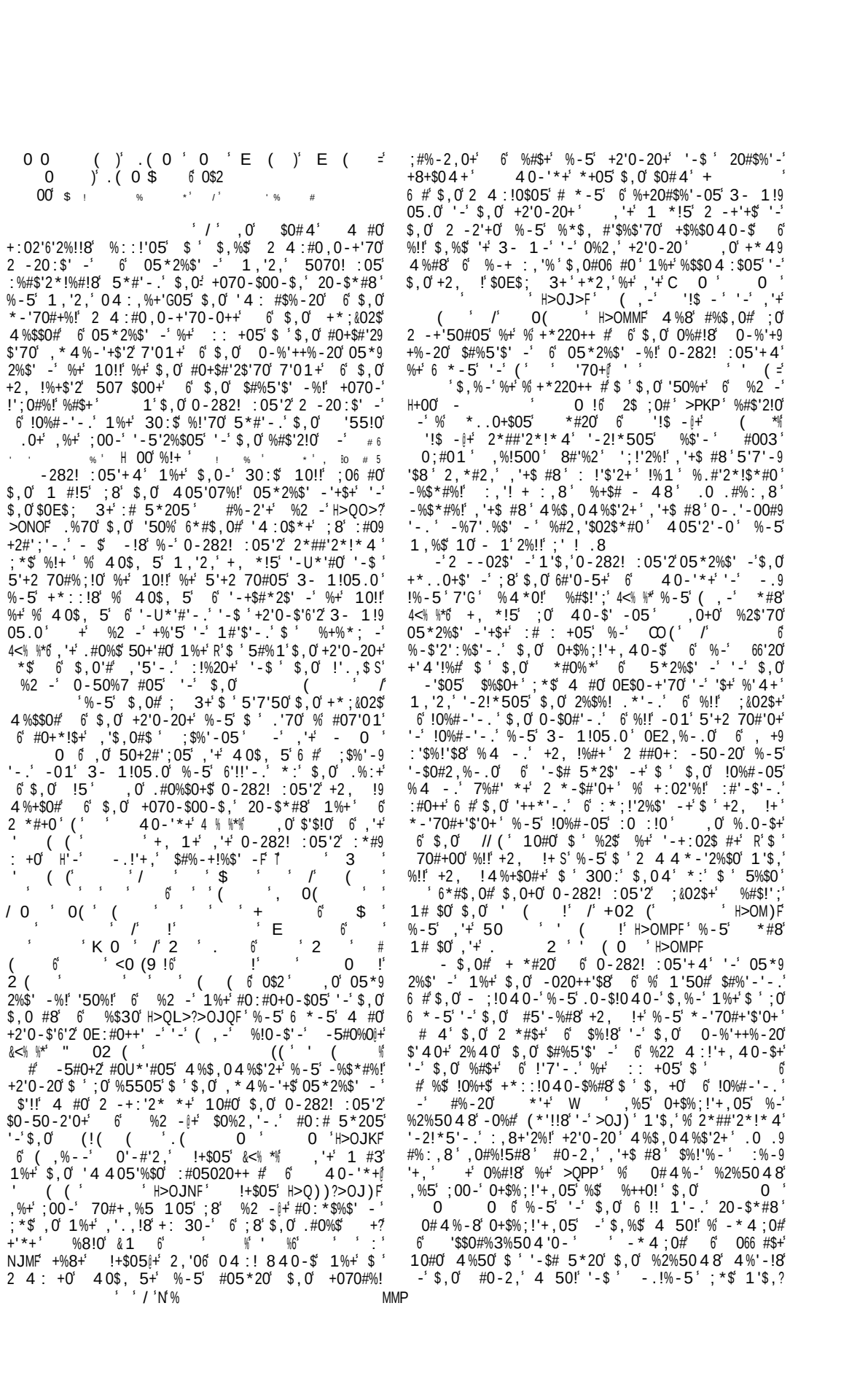

MMP

*$ +*220++ 4 -.+$ $,0 %$$04:$+ 10#0 $, +0 6 '# * 4:,#08 '!;0#$ H>QLNF 4<% %* 54*-5 *!$ -H>O>LF 4<% %* '# #%-2'+ '-%+$ -H>OJQF HU7F) '# %!$,%+%## 0#;'0## H>OM)F 4<% %*6 01'+ %'5101!F H>LKKF 4<% %*% :%#$6# 4$,0+0:# &02$+$,0#0 1%+%-*4;0## 6 7%#* *+ '-+$'$*$' -+ '- -5 - 1,'2,2 !9 !02$'70!8 10#0 2%:%;!0 6 %66 #5'-0-282! 9 :05'2 05*2%$' - -H>ONQ '# 0 #.0 *23 '-,'+ ! /6 2 4 :'!05 % 2%$%! .*0 #$%;!0 6%!!F $,0%#$+%-5+2'0-20+ *+05 %-5 $%*.,$ R'-$,'+ -'70#+'$8S 6 -5 -

+%-05*2%$' -%!F '50%!F '- -.!%-5 0-282! 7 :05'+4 +*;+$%-$'%!!8 2 40+$ %-0-5 1'$, (,- 230 H>OJN?>LKMF - ,'+ 0++%8 /. 0 !H%:+$,*4 *+:*;!'2%$' -F %:0%#+$,0 (0 (0 1,'2, .'70+*:0-282! :05'+4 R ,0 0E$0-$ 6 3- 1!05.0 #$,'-.+3- 1%;!0 '+ 7%+$ *#5*#%$' -,0#0 + +, #$ %-5$,0 0-$#%-20;8 1,'2,'$,0 3- 1!05.0 6$,'-.+.0$+ '-$ *# *-50#+$%-5'-.+ -%## 1 $,%$ $,0 1, !0 $'40 6 *# !'60 '+ - $0- *.,' $ %2U*%'-$ *+1'$,%!! $, +0 1'!! - $ +%8 1,'2,1 0 %#0 2%:%;!0 6 3- 1'-.;*$ 1,'2,' '$ 1 *!5 - $ -!8;0 2 -70-'0-$;*$%!+ 70#8 %57%-$%.0 *+ $ 3- 1 S '$,$,0 #0-*-2'%$' -6 0-282! :05'+4 2 40+$,0 -01 %-$'?0-282! :05'2 2 -20:$' -6 05*2%$' - $,0 0(/ %,0+$*58 6 $,0 +2'0-20+ '+ $;0 #0.%#505 230 $,0#0 +%8+'R %+%-'-2#0%+0 6$,0: 10#+%-5%2$'7'$8 6$,0 4'-5 - $%+%-0-!%#.040-$ 6 '$+: +9 0++' -+S ,0 + ?2%!!05 4<% %*6 #0:#0+0-$05 '- #%-20 ;8 %8!0 !$%'#0 !04;0#$ '50# $ *++0%*'%-5 '- 0#9 4%-8;8 0';-'$G%-5 !66 1%+%:,'! + :,'2%! +2, !;%+05 -!'-0+6 04:'#'2%! 0-82! 7 :05'+4 #%$,0#$,%- -40$%:,8+'2%! +:02*9 !%$' - ##0+:-5'-.$ 0%2,:,%+0 6:,'!9 +:,'2%! 0-282! :05'+4 10#0 7%#' *+05*9 2%$' -%! $,0#'0+ *-$'! '- %5%40 50 0-!'+ H>LMO?>)JKF %:0%#05 %+ %57 2%$0 6 # 0-289 2! :05'2 05*2%$' -6 #;$,'40-%-5 1 40-

00 '% *'< $%' # & %#' *'<?

'*+< # ' % ! % *', o #4 o % ' % #4 A o *

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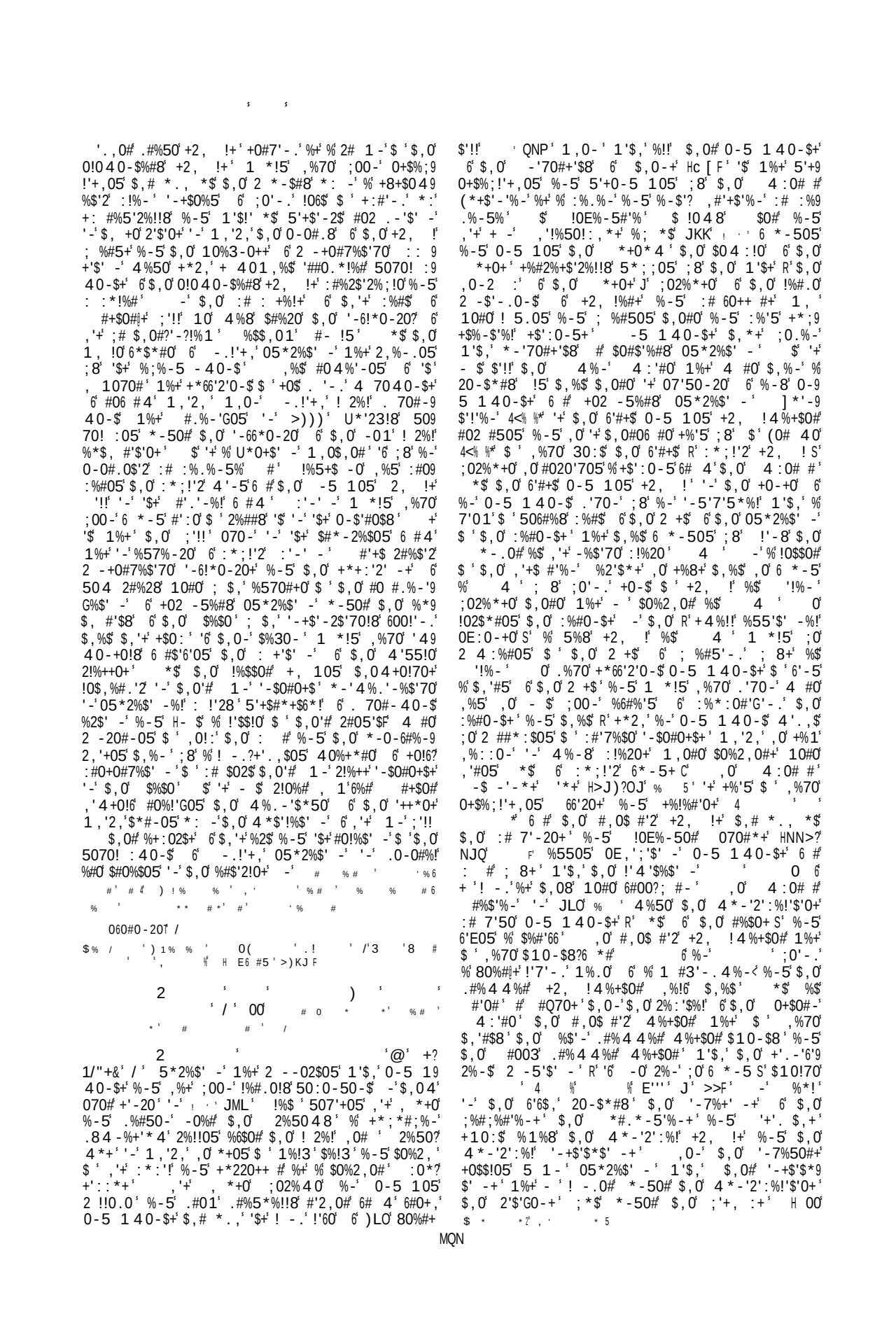
% ! % ' /' o ' ' ' ' % H E6 #5 >)PQ F

.%# *' (' 1 ! /' ('.(6 ! ' H %4;#'5.0' >PK F

(* ' ' ' (o ' ' '" ' /' '.(% H 01 #3 >)PN F

/ ' ' (! /' .((6 ' ' *% ,'+ .#0%$ 1 #3 1%+2 -20'705 %-5 :!%--05;8 '50# $ 4<% %*6 '-+:'#05 ;8 $,0 :!%-6 %*-'70#+%! 5'2$' -%#8 +30$2,05 ;8 %2 - !0++ $,%-;8 $,0 +*220++ 6 ,%4;0#+ !(' (! /' .((H -5 - >LNLF ,0 1 #3 1%+:# 5*205*-50# $,0 05'$ #+,':6 '50# $ %-5 6 #$,0 0%#!8:%#$!04;0#$ 4<% %*6# 4 >LQ $ >LLN %4'5+$$,0.#0%$0+$5'66'2*!$'0+5*0 $ $,0 :: +'$' - 6 #0%2$' -%#8 022!0+'%+$'2+ %-5. 70#-40-$ 66'2'%!+ $'1%+:# 5*205 '- $10-$8?0'.,$ 7 !*40+ +*::!040-$05 '- >LLO? >LLL ;8 6'70 4 #0 ,0#0 1%+$,*+:# 7'505 %#%!!8'-.: '-$6 # $,0 #0:#0+0-$%$'70+6 $,0 -01 +2, ! 6 $, *.,$' - %!! ;#%-2,0+6 '-9 $0!!02$*%! %2$'7'$8 1,'2,' '-' '$+ #0+*!$,0!:05 506'-'$0!8$ 6 #4*!%$0 $,0:#07%'!'-.: '-' -+ ,0 4 +$ - $01 #$,8 6 $,0 2 -$#';*$ #+ 1, $,#01 $,04+0!70+ ,0%#$ %-5+ *!'-$ $,0 1 #3 10#0 -$0+U*'0* *#. $ *++0%* *66 - %!!0# -5 #20$]*0+-%8 #'44 %-5 !$%'#0 0%#!0++2#'$'2'+4 10#0 6960#05 6 2'7'! %-5 022!0+'%+$'2%! %*$, #'$8 %$ %-8 #%$0 '-$,0 7 !*40 1'$, 1,'2,$,0 :*;9 !'+,0# 5'5 - $ $%4:0# -5$,0 4%'-:*#: +0 6$,0:# &02$ %+'$ +$ 5 *$'-$,0 4'-5+6 $,0 !0%50#+ 1%+$ +:#0%5$,0 !'.,$ %-5 #0-01 $,0, :0 6%;0$$0# + 2'0$8 R $ *-'05,0 404;0#+6 #'7%! 50+$#*2$'70 +2, !+'-%.#0%$ 50+$#*2$'70 $%+3S? H #!08F ,0 05*2%$' -%! '-+1,'2,%#0 +2%$$0#05 $,# *., *$ $,0 1 #3 %#0 6'-$0#0+$,08 +*44%#'G0 $,0 7'01+6$,0 +0-+0 #0%!'+$+ &*+$ %+ -$,0 :,'! +",'2 +'50 $,0 '-6!*0-20 6 230 '+ +00- 5*2%$' -'+ 506'-05 %+$,0 R 2%#0 $%30-$ $ - *#'+,%#%'+0 %-5 '-+$#*2$ 2,'!5#0-'<'$+ ;&02$+ %#0 H>F ,0%!$,%-5 . 5 :,8+'2%! 5070! :40-$< HNF *:#'.,$-0++ %-5 $#%'-'-. 6$,0 +:'#'$< HJF 2,%#%2$0#$,%$' +*2 -5*2$ 6!'60 %-5'$,0 + 2'%!U*%!'$'0+S 5*9 2%$' -'+6 #+ 2'0$8$,0 6%4 '18 %-5'$,0 $%$0 %2,.#%50 6 + 2'0$8 +, *!5 ;0 .'70-%- 05*2%$' -%:: #'%$0 $ '$ +02*#0 ,%:'-0++ $,# *., $,0 ;0+0$ *+0 6 *# 2%:%2'$'0+ !$, *., !04 9 ;0#$, !5+*:' $,0 :*;!'2 +8+$04 6 0-07% %+ %-0E%4:!0 4 #0 %$$0-$' -'+ .'70-$ $ $,0 05*2%$' - 6 $,0 2,'!5#0-6 $,0 ;0$$0# 2!%++0+ %-5,0#0 $,0 '-6!*0-20 6 -$%'.0'+ ;7' *+< +2, ! 05*2%$' -'+ ;0+$ -!8 6 # $, +0 1, 2%- $ %66 #5 %$*$ #' 1, '+ $;0 2%#06*!!8 +0!02$05 %-5 4%30 '$,'+ ;*+'-0++$ ' .'70 ,'+ :*:'! %3-1!05.0 6 1 #!5 0E:0#'0-20+ ,0 2 -$04:#%-0 *+ ,*4%-'+$'2 05*2%$' -'+ +09 70#0!8 2#'$'2'G05 %-5'-'$+ :!%20 %-' 05*2%$' -$,# *.,$,0 +0-+0+'+ %57 2%$05 $'+ 5'66'2*!$ $ +'-.!0 *$ %-8 -0 %#$'2!0 %+ % 2 4:!0$0 0E: +'$' - 6 $,0 05*2%$' -%! :'-' -+ #0:#09 +0-$05;8 $,0 1 #3 6*!! +$%$040-$ 2%- -!8 ;0 %$$%'-05 ;8 2 -+*!$'-.' -*40# *+ %#$'2!0+ - $ -' 05*2%$' -%! $:'2+ %! -0';*$ '-' :,'!9 + :,8 : !'$'2+ %-5':+82, ! .8 00 2 ! '< '< # ' % 4' # ' * 4 # # #



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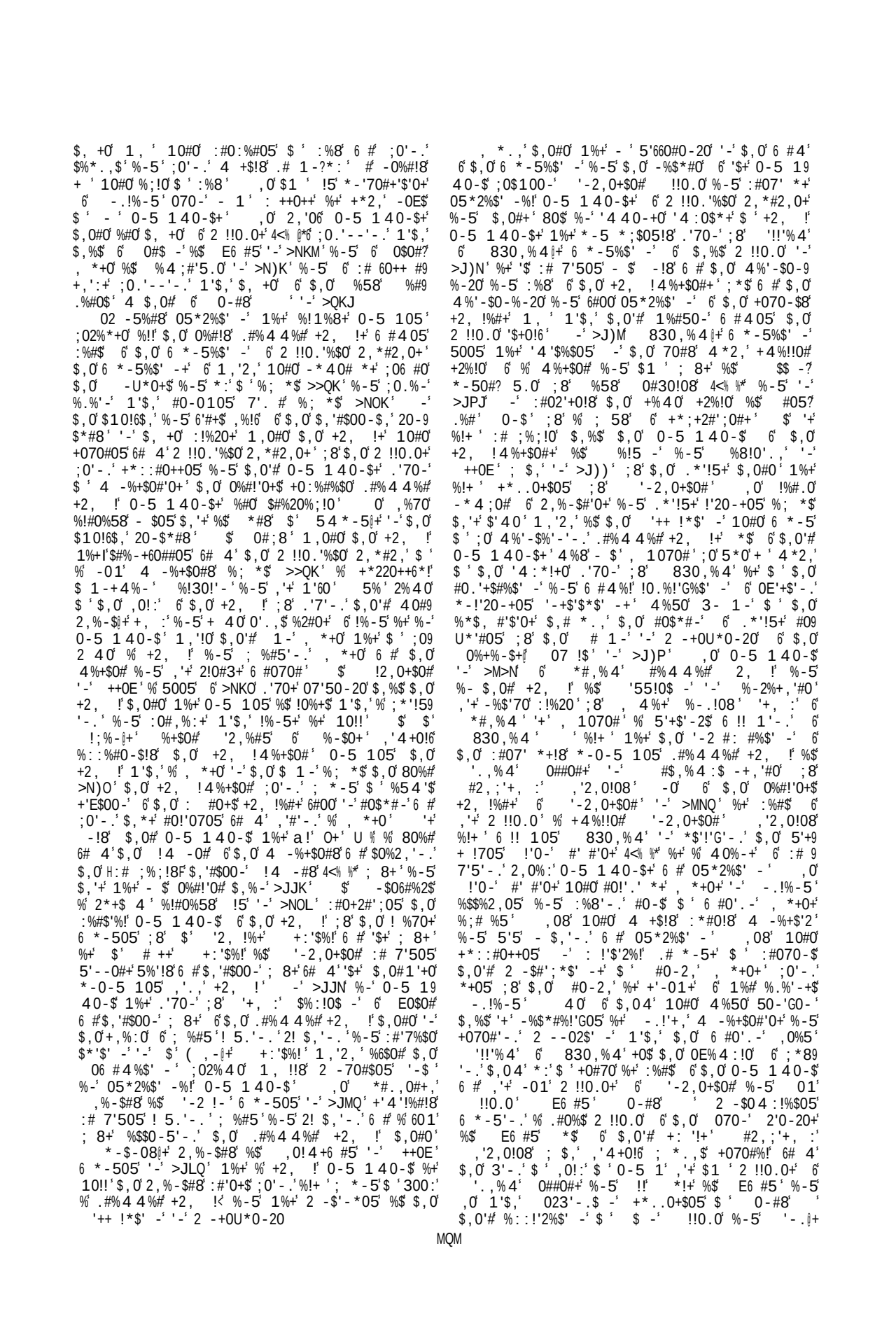
+5 (+! / - -.!%-5 $,0 %E - '-7%+' - ,%5 50+$# 805 - $ -!8 $,0 4%- 4 :'#0 ; *$ 1,%$070# #04%'-05 6 $,0 4%- $,%$ '+ $,0 ,#'+$'%- #0!'.' - 5 1,%$070# 2,*#2,0+ %-5 +2, !+ 4%8 ,%70 0E'+$05 1'$, $,0 4%-+ # #'$? 4%-+ 1, 4 #0 #!0++ :# 60++05 '$ -+0U*0-$!8 '- -.!%-5 1,0- 05*2%$' - ;0.'-+ %.%'- 1'$, $ *.*+$'-0 6 %-$0#;*#8 &<% %*6 '$;0.'-+ %+ %- 0E $'2 05*2%$' - %-5 $,0#06 #0 '- 0-9 5 105 +2, !+ ,0 +2, !4%+$0#+ 10#0 66'9 20#+ 6 $,0 ,'+, :+ %-5 0-5 105 %+ :%#$ 6 $,0 ,*#2, ;8 $,0 3'-.+ - QP $,0!;0#$ 6 0-$';0'-.;%:$'G05 R 5'5 - $ 5060# .#%-$9 '-. $ ',+ $0%2,0#+ % :!%20 ;06'$$'-.'$,0 5'.-'$8 6 $,0'# +0%$ '- %-$0#;*#8 ,'+ 40$# : !'+ %-5 %$ $,0 +%40 $'40 2 -60##'-. - $,04 -020++%#8 : ++0++' -+ 6 7%#' *+ 3'-5+ S ,0-20 '-OJ> '.0;0#$ 3'-.' 6 $,0 %+$ -.9 !'+, ;$%'-05 4%+$0#+ %-5 *+,0#+ 1,0- ,0 '- $*#- R 1'$, $,0 %++'+$%-20 6 '+, : 0!'E 1, 4 ,0 ,%5 ;$%'-05 6# 4 0-$ +0$ *:' % +2, !'- 1,'2,'; 8+ 4'.,$;0 $%*.,$.#%49 4%# S %+ ,0 ,%5 +00- 10!! #50#05 %+ %- 0E'!0 '- %*!' 1,0#0 ,0 ,%5 ;00- ;%:$'G05 $ %$ #3 % 20-$*#8 !%$0# 05*2%$' - 1%+ 0-5 105 ;0'-.- $ -!8 *-50# $,0 :%$# -%.0 6 ;*$ %2$*%!!8 .'70- ;8 $,0 0-5 105 %#2,9 ;'+, :+ $,04+0!70+ .;0#$ &<% %* %-5 !;0#$ # $,0!;0#$ &<% %* ,0 6'#+$ U*%+'?'-50:0-59 0-$ 0-5 140-$ 6 $,0+2, !$ 3 :!%20 1,0- -' $,0 50%$, 6 !;0#$ -0 6 ,'+ :*:'!+' %*;%!5 ;02%40 %#2,;'+, :%-5 b!2*'- +2, !4%+$0# *$ $,0 +2, !4%+$0# $, *.,' ,0 ;02%40 % +0:%#%$0 2%$,05#%!' 66'20# 1%+ 4%'-$%'-05 %-5 !'705 !'30 $,0 #0+$ 6 $,0 2!0#3+ # 2%- -+ %+ -0 -!8 6 $,0 #0$'-*0 6 $,0 ;'+, : 4%'-$%'-05 *$ 6 $,0 .0-0#%! 2%$,05#%! # 0:'+2 :%! #070-*0+ ,0+0 10#0 - $ +0:%9 #%$05 6 # %- $,0# $,#00 # 6 *# ,*-5#05 80%#+ $,0 ;'+, :$%3'-.$,0 ;*!3 6 $,0 0-5 140-$+ %+ ,'+ 1-!0%7'-.'% !0++0# : #$' -6 # $,0 2,%:9 $0# ,0 0!070-$,' %-5 $10!6$,' 20-$*#'0+ +%1 $,'+2,%-.0 $%30 :!%20 $ #3 , 4%+ $,0 6'#+$ #4%-'%#2,;'+, :+0:%#%$0!8 0-5 105 $,0 +2, !4%+$0# & (0 *%;*$ >KLQ ,0 0%-'%-5 $,0 #020-$ #'1,'! 305 %6$0# $,0 -.' 2, !' 10#0 - $ +0:%#%$0!8 0-5 105 $'!! >KPK $ $ %*!+ -5 - % +0:%#%$0 0-5 140-$ 1%+ 6'#+$.'70-' $,0+2, !4%+$0# H2 - '! F 1,0-;8 % 5005 +$'!! 0E$%-$',0 ;'+, :.%70 ,'4 %-5 %--0E05 $ ',+ 66'20 % , *+0 ;8 $,0 0!! :!10# %-5 H2 >>NL .#%-$05 $,0 -0E$ 4%+$0# !%-5 %$ *!,%4 %-5 $,0 $'$,0+ 6 $1 2,*#2,0+ -0%# -5 - ,0 +2, !4%+$0# 1%+ , 1070# - $ 1, !!8 4%'-$%'-05 ;8 $,0 0-5 140-$ %+ '- >>J ,0 ;$%'-05 6# 4 $,0 %2$'-. ;'+, :% 1#'$ %++0#$'-. ,'+ #',$ $ % 4 - :!8 6 +2, !300:'-. '- -5 - >>JP '-. $0:,0-5 105 %!'+;*#8 2, !1'$, $,#00 !'7'-.+ '- %4:+,'#0 %-5 $,0'# 50:0-50-$ 2,%:0!+ / %- 0-5 140-$ 6 :#09 2'+0!8 $,0 +%40 3'-5 %+ 1%+ .'70-$ '-2,0+$0# %-5 $,0# +2, !+ *:' $ $,0 06 #4%$' - %-5 '-5005 *:' $ $,0 +070-$00-$, 20-$*#8

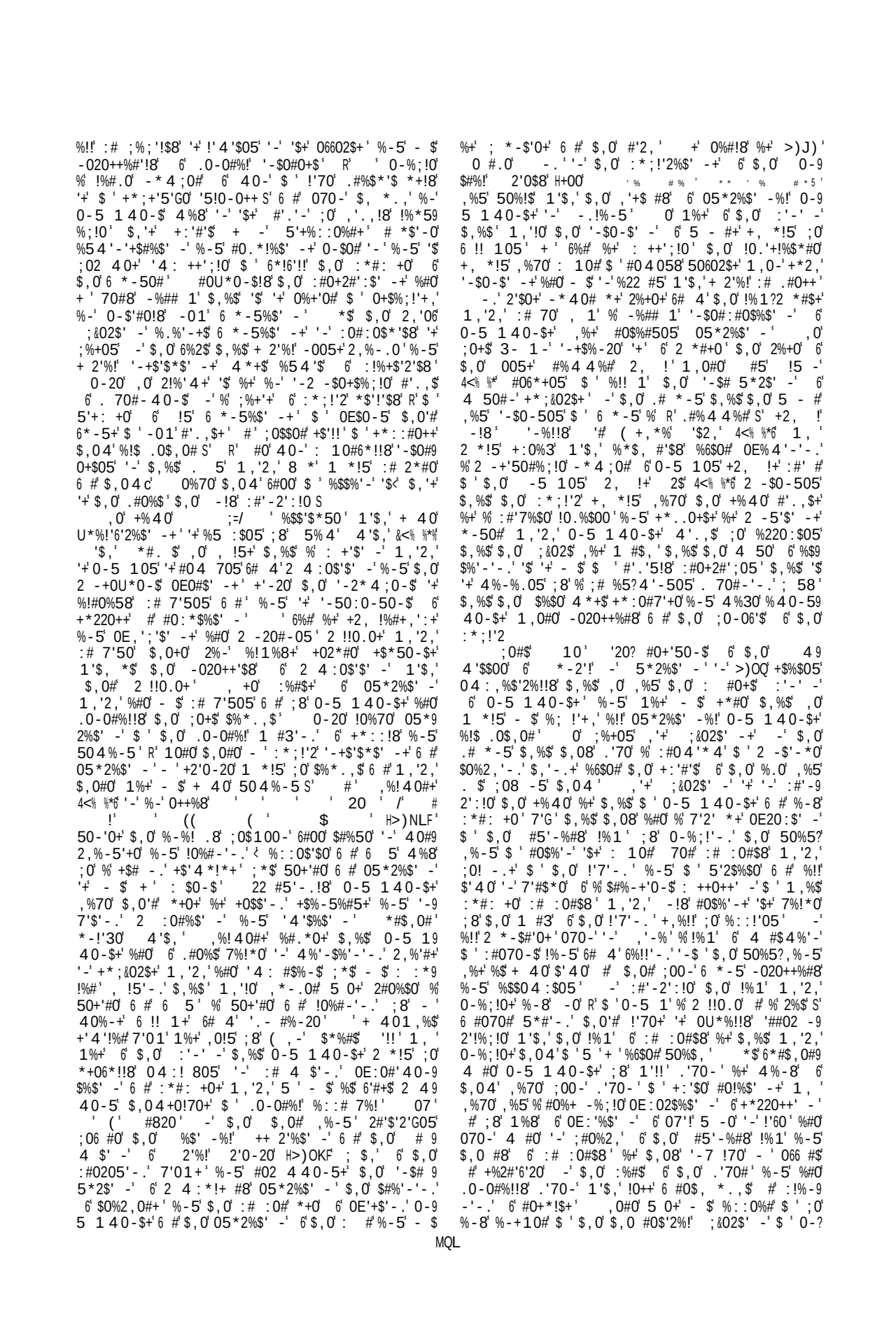
- >>LP %- %$$04:$ 1%+ 4%50 $:# 7'50 ;8 .0-0#%! 022!0+'%+$'2%! !%1'6 # $,0 0-5 140-$ 6 %!! 2%$,05#%! +2, !+ %$!0%+$ %- - >) 6 $,0 %$0#%- *-2'! 6 $,%$ 80%# #50#'-.' $,%$ % 2 4:0$0-$;0-06'20 +, *!5 ;0 :# 7'505 '- 070#8 2%$,05#%! 2,*#2, 6 # % 4%+$0# $ $0%2, $,0 2!0#3+ 6 $,0 2,*#2, %-5 %!! : # +2, !%#+ .#%$'+ $ 1%+ :# ;%;!8 '- ;05'0-20 $ $,'+ 2%- -',%$ H2 >>)>F #2,;'+, : .0# 6 #3 0-5 105 $,0 +2, ! 6 #3 1'$, aQ % 80%# :%8%;!0 *$ 6 $,0 40?:0--8 # 0$0#+ :0-20 5*0 $ $,0 :0 %-5 $,0 +8- 5'2%! 600+ 5*0 $ $,0 %#2,;'+, : 6 ,'+ $,#00 %#2,50%9 2 -#'0+ # ;%;!8 %!+ $,'+ 1%+ $,0 2%*+0 6 $,0 6*#$,0# 0-5 140-$ 6 $ %*!+ 2, ! -5 - '- >>P $,0 ;'+, : 6'-5'-. $,0 0-9 5 140-$+ ;06 #0 .'70- + +2%-$8 $,%$ $,0 04 !*40-$ 6 $,0 4%+$0#+,':' 1%+ !'$$!0 4 #0 $,%- - 4'-%! %-5 .'7'-. '$ $,0 $'$,0+ 6 *!,%4 1,0#0 $,0 ;'+, :+ 2,'06 4%- #? , *+0 1%+ %-5 '+ %-5 >)0 %2#0+ 6 !%-5 '- 7%#' *+ :!%20+ -0%# -5 - ; *$ >>)K -0 6 $,0 0%#!'0+$ 0E,';'$' - 0-5 140-$+ 1%+ .'70-' 6 # +2, !; 8+ %$ *#9 ,%4 H 00 ; ! # * 5 ; *$ $,0 +%40 $'40 *#8 $ 54*-5 +2, !1%+ 0-5 105 ;8 $,0 ;; $ %4:+ - 6 %#!8!0 + + 1'$,'% +$ -0 , *+0 1,'2, ,0 ; *.,$ 2,0%:6# 4 $,0 (01+ 0E:0!!05 6# 4 *#8 %-5 1'$, ,%!6 %#02$ #8 :# 5*2'-.'aQ %80%#< 1,'2, +0042+ $;0 % #'2, 0-5 140-$ 6 # $,%$ $'40 >N>Q $,0 +0:%#%$' - 0660205 ;8 %- $,0# %$0#%- *-2'! ;0$100- $,0 $,0 ! .'2%! %-5 .#%44%# +2, !+ 6 $,0 2%$,05#%!+ %-5 %-2'0-$ 2 !!0.'%$0 2,*#2,0+ !'30 070#!08 %2$05 :#%29 $'2%!!8 %+ % 40%+*#0 6 5'+0-5 140-$ 6 # $,0 !%$$0# %+ $,0 +2, !4%+$0# 1 - 1'$ 3 $,0 $'$!0 6 ,%-20!! # %-5 2 -6'-05 ,'4+0!6 $ $,0 ! .8 $ 3 %!! $,0 !5 0-5 140-$+ ,0 .#%44%# +2, !4%+$0# 1%+ ,'+50:*$ %-5 1%+ :%'5 % 70#8 +4%!! +$':0-5 ;8 ,'4 .0-0#%!!8 %; *$ aN % 80%# %+ %$ *$,10!! '-+$0# ,0 .#%44%# +2, !4%+$0# 1%+ , 1070# 6*#$,0# 0-5 105 ;8 ;0'-. .'70- % 7'2%# 2, #%!+,': # % 2,%-$#8 :#'0+$, 5 # ; $, %+ %$ '-2 !-< ;*$,0 ,%5 - !0.%! $'$!0 $ 0 $,0# 1'$, $,0 #0+*!$ $,%$ %$ %!'+;*#8 %-5 %$ 0!!+ $,0# 49 4%# +2, !+ 2%40 $;0 $#0%$05 - $ -!8 %+ *-9 0-5 105 ;*$ %+ - $ 070- ;0'-. % !0.%! 2,%#.0 - $,0 2%$,05#%! 0-5 140-$+ %$ %!! '- $,0 0'.,$00-$, 20-$*#8 %-5 :0#'+,05 6 # !%23 6 $,04 !+01,0#0 $,'+ #0+*!$ 1%+ :#070-$05 ;8 !%$0# 0-5 140-$+ ,*+ %$ $ %*!+ -5 - $,0 +2, ! 1%+ +%7:05 ;8 !0$+ 4%.-'6'20-$ -01 0-5 140-$.'70-' - >Q>K %-5 %$ #3 ;8 $,0 %--0E%$' - $ $,0 +2, ! 6 $,0 0-5 19 40-$+ 6 %, +:'$%! 6 # : #:#'0+$+ ;8 %#5'-%! !0' - >QQL $ '+ % #04%#3%;!0 $0+$'4 -8 $ $,0 $,'#+$ 6 # !0%#-'-.'%-5 $,0 60!$ 1%-$ 6 ,'.,0# # *-9 70#+'$8 05*2%$' - '-$,0!0070-$,%-5 $,'#$00-$,' 20-$*#'0+ $,%$ - -0 6 $,0 *-'70#+'$'0+ 10#0 0-5 105 %#'+ ! .-% E6 #5 %4;#'5.0 %!! .#01 *:+: -$%-0 *+!8 !'30 $,0 :,'! + :,'2%! +2, !+ 6 0!!%+ $ % -+10# $,0 504%-5 6

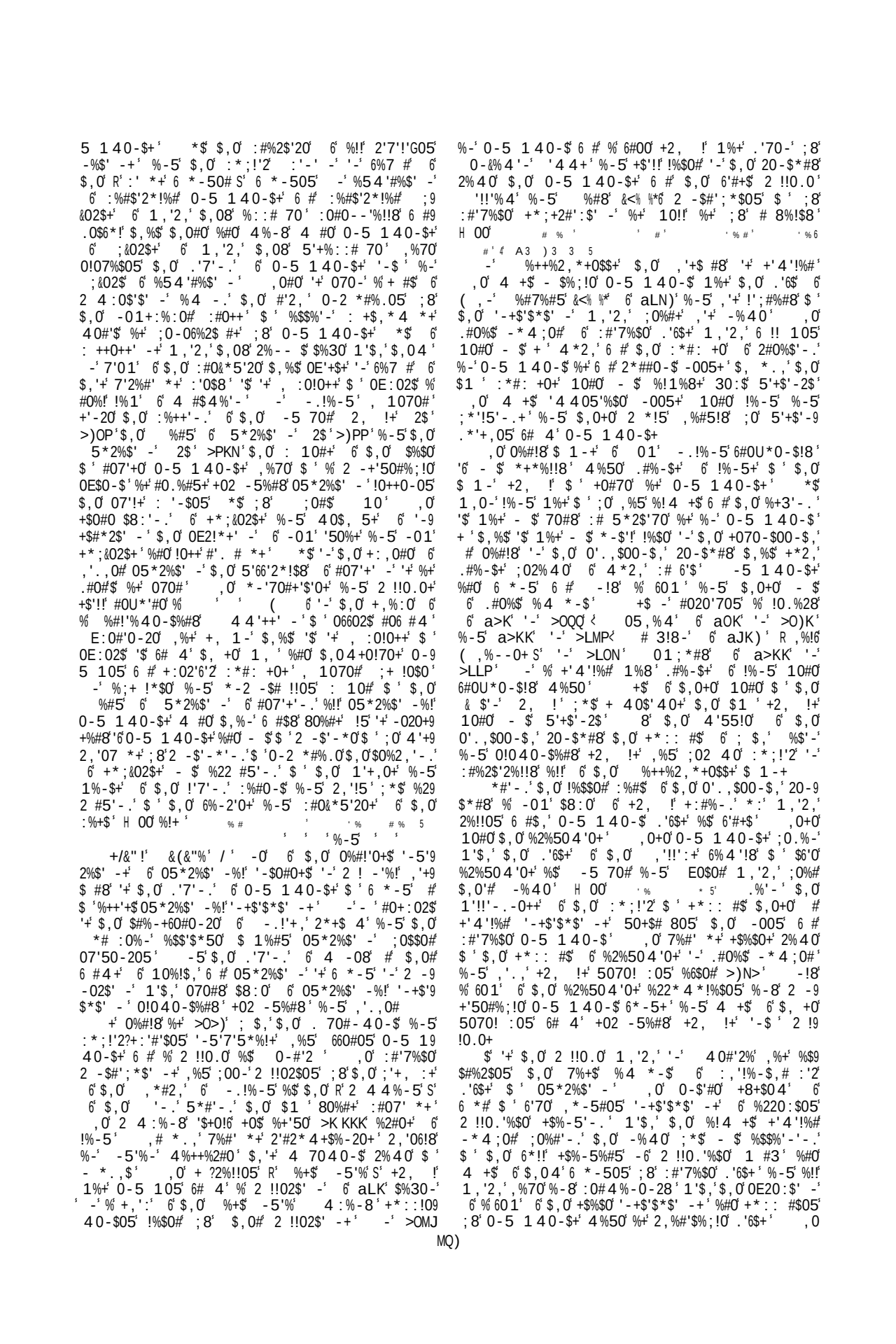


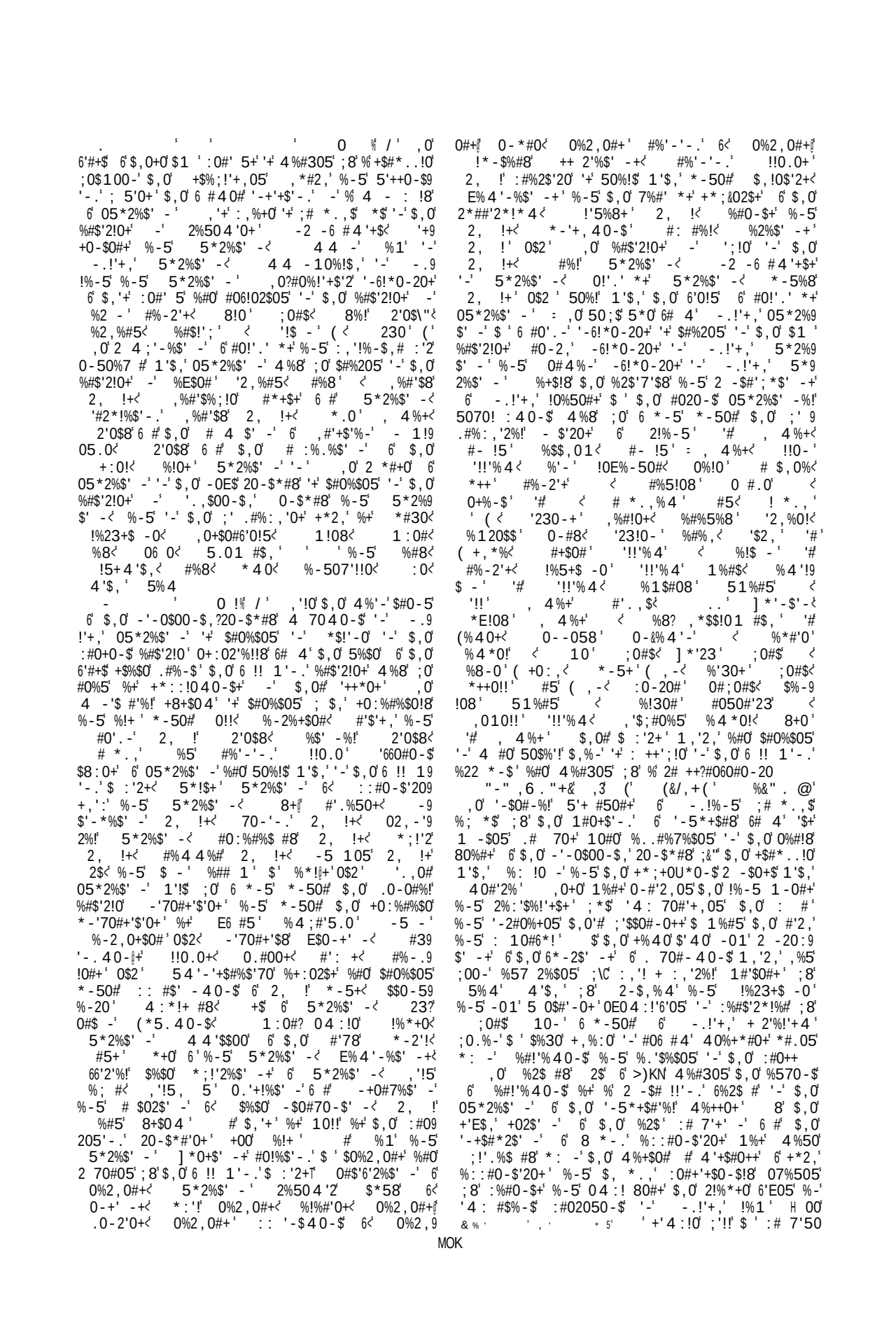
MQM

!!0.0 %4;#'5.0 $,0 0-5 140-$+ 6 1,'2, 10#0 !%#.0# $,%-$,%$ 6 %-8 $,0# 2 !!0.0 # +2, ! '- $,0 3'-.5 4 %-5 %!4 +$ 0-$'#0!8 2 -+'+$05 6 !'0- #' #'0+ $' '+ 2*#' *+ $,%$ $, +0 ,'+$ #'%-+ 1=, 50- *-20 0-#8 '- *-40%+*#05 $0#4+ 6 # %::# :#'%$'-.4 -%+$'2 0-5 140-$+ $ 05*2%$' - %-5 $,0# :*;!'2 :*#: +0+ ,%70 -$,'-.;*$:#%'+0 6 # $,0 +%'-$05 0-#8 6 # +0$$'-.$,0 0E%4:!0 -% !%#.0 +2%!0 ,0 #0%58 4'-0 6 $,0 !'0- #' #'0+ ,0'.,$0-05$,0'+$%-5%#5 6 0-5 140-$,'!0 0#$ -''-'>NLM$, *.,$]L'>J+'M5'%80%# %4:!0 6 # $,0 +2, !%# 60!! 1+ 6 0#$ - !9 !0.0 %-5 830,%4''-'>J)N $ '>MKK:# 7'505 +*66'2'0-$ $.'70 $,0 1%#50- 6 '-2,0+$0# aNK %80%#'$,0 ,0%54%+$0# a>K %80%# %-5 $,0 60!! 1+ aQ %80%# 0-#8 #%'+05 $,0 :%8 $ aQK %80%# 6 # $,0 :# 7 +$'a>O %80%# 6 # $,0 ,0%54%+$0# %-5 aL %80%# 6 # $,0 60!! 1+ %$ $ -$, -8+ 2, ! '- ,#0%5-005!0 $#00$ -5 - %, +:'$%! +0#705 ;8 %!'0- 2%- -+ #0.*!%# 1%+ 2 -70#$05 '-$ % , +:'$%! +0#705 ;8 +02*!%# 2!0#3+ 1'$,'%+2, !%$$%2,05 '- 1,'2,'$,0 4%+$0# . $ a>O %80%# ,0 6! 1 6 0-5 140-$+ $ 05*2%$' - +$ ::05 6 # % 1,'!0 5*#'-.$,0 :0#' 5 6 509 :#0++' - 2%*+05 ;8 $,0 5'+%+$# *+ 1%#+ '- #%-20 %-5 $,0 %#+ 6 $,0 +0+ '- -.!%-5 1%+ #0-0105 1'$,' *-%;%$05 6 #20 6# 4 >MLQ -1%#5+ ,0 0-5 140-$ 6 %.5%!0- !9 !0.0 %-5 $,0 $1 +2, !+ %$$%2,05 $ '$' %$ E9 6 #5 %-5 %$ %'-6!00$ '-2!-+,'#0 ;8 '!!'%4 %8-06!0$0 #'7%!05 $, +0 6 830 9 ,%4 %-5 6 0-#8 ,'4+0!6 ,0 2 !!0.0 6 2%+$0# %-5 $,0#,%4''-#3+,'#0 ;8 $1 +*220++'70 2,%-20!! # ;'+, :.%70 %-'0-!%#.05 +2 :0 $ 0-5 140-$+ ;8 :*$$'-.1#'$'-.%-5 %#'$,40$'2 +2, !+ -' $,0 +%40 6 $'-.'%+ .#%44%# %-5+ -.# #0%5'-.+2, !+ %+ '-9 $0.#%! :%#$+ 6 $,0 2 !!0.'%$0 0+$%;!'+,40-$+ '-+$0%5 6 ;0'-.#0!0.%$05 $:%#'+,2!0#3+1, 0305 *$ $,0'# +2%-$8 2!0#'2%! :%8 ;8 $0%2,'-. ,0 +*220++6*! 40#2,%-$ $ - 1 2%40 '-$ #'7%! $,0 +*220++6*! 2,*#2,4%-%+% .'70# 6 0-5 140-$+ -0 ! #5 4%8 # %6$0# %- $,0# 6# 4 '# 54*-5 ,%1 %$ $ 23: #$ '-'>M)L $ '# $0:,0-(0-8+ %$,:0#,%4:$ -''->QK) $0+$'6'05 %!'30 $ $,0 .# 1$, 6 2 440#20 %-5 $,0 +:#0%5 6 05*2%$' - %22 4:%-'05 ;8 % 50+'#0 $ +$#0-.$,0-''$;8 0-5 140-$+ :!%205 *-50# $,0 . 70#-40-$ - $ 6 022!0+'%+$'2+ ;*$ 6 !%840- $,0 '$8 4:%-'0+ 0%-1,'!0 % -01 4'-0 6 0-5 140-$ 1%+ :0-05 *:1,0- %8-06!0$0 ;$%'-05 $,0 +*:9 :#0++' - 6 0!;#-0 #' #8 %-$+ - %29 2 *-$ 6 '$+ 6'-%-2'%! %-5 4 #%! 6%'!'-.+ $ 0-5 1 %.5%!0- !!0.0 %$ E6 #5 $,*+ %::!8'-.$,0 :#'-2':!0 6 $,0 +*:#0++' - 6 !'0- #' #'0+ $ $, +0 6 , 40.# 1$, ,'+ 0E%4:!0 1%+ 6 !! 105 -' % !%#.0 +2%!0 ;8 $,0 :' *+ %58 %#.%#0$ *5 #'4 $,0# 6 0-#8 %57'+05 %-5 %++'+$05 ;8 '+, :' '+,0# '-$,0 +*::#0++' - 6 $ %50.*-5+ -*--0#8 $ 6 *-5 (0+*+ !!0.0 '-'>MPL' %-5 $' (, -+ +:'$%! 30:$;8 #0.*!%# 2%- -+ $ 6 *-5 $

(, -+ !!0.0 %4;#'5.0 '-'>Q>> %#5'-%! !+08 2%##'05 $,0 :#02050-$ +$'!! 6*#$,0# %-5 $,#01 %!! 6 #40# 6 *-5%$' -+''-$ $,0 +,%50 ;8 $,0 1, !0+%!0 +*::#0++' - 6 4 -%+$0#'0+ -50# %:%! ;*!!+$ 6'-5 0-5 140-$+ 6 #,'+ $1 .#0%$ %#5'-%! 2 !!0.0+ %$:+1'2,'%-5 %$ E6 #5 '->QNL , 0 :#02050-$ 1%+ - $! +$*: - 0-#8 1,'6 *-5 %4:!0 0-5 140-$+ 6 # 05*9 2%$' - '- $,0 : ++0++' -+ 6 $,0 5'++ !705 4 -%+$0#'0+ '$,'$,04',0 6 *-505 2%$,05#%! .#%44%#+2, !+ H+00 % %',' *5 1'$, !%#.0 -*4;0#+ 6 0-5 105 +2, !%#+ #%-.'- 6# 4 6'6$8 %$ %-$0#;*#8 $ $10-$8 %$ 0$0#9 ;#*.,'%-5 1'$,'0-5 140-$+ 6 - $!0+#$,%- aNK $ aJK' $ ',0 ,0%54%+$0#' %-5 6 #,'+ $1 .#0%$ 2 !!0.0+ ,#'+$,*#2,'%$ E6 #5 % #0 #.%-'G%$' - 6 !+08 +!!0.0 %-5 #'-'$8 %4;#'5.0 -6 #$*-%$0!8 1,'!0 0,0 $1 2 !!0.0+ %#0 +$'!! $,0 .#0%$0+$ #%4 -.$,0 .#0%$0+$ 0-5 105 '-+$'$*$' -+ '-$,0 2 *-$#8 $,0 +2, !+ +'-20 $,0 +2, !4%+$0#+ 10#0 - $ 404;0#+ 6 $,0 . 70#-'-.; 58 ,%70 ;00- +$'-$05 %-5 +$%#705 %-5 '-2 -+0U*0-20 ! -. 02!':+05 ;8 6 *-5%$' -+ #'.'-%!!8 - % 70#8 4*2,'+4%!!0#;%+'+ ,0 6*#$,0# :# .#0+ 6 $,0 06#4%$' -''- -.!%-5 *-50# 51%#5 1%+ 4%#305 ;8 % 40%+*#0 1,'2,'$, *.,'- $ + '-$0-505 :0#9 %$05 %+ % .#0%$ 5'+0-5 140-$ 6 05*2%$' - / $,0 %2$ 6 # $,0 5'++ !*$' - 6 2 !!0.0+ %-5 2,%-$#'0+'-'>QM) # 7'+' - 1%+ 4%50 '-$,'+ %2$ 6 # $,0 2 -$'-*%-20 6 .#%44%# +2, !+ %-5 $,0'# #00-5 140-$ *$ 6 $,0 5'++ !705 2,%-$#'0+ *$' %+ % 6%2$ 1'-.$ $ $,0 +%!0 6 $,0 0-5 140-$+ %-5 $,0 6%!*#0 $ 2%##8 *$ $,0 :# 7'+' - 6 # #00-5 140-$ 0E20:$ '- + 40 $,'#$8 2%+0+ %4 -.1,'2, 05;0#., '- #3+,'#0 %-5 '#4'-.,%4 %#0 $,0 4 +$ 2 -+:'2* *+ $,0 40%+*#0 #0+*!$05 '-$,0 .#%5*%! 502%8 6# 4 !%23 6 0-5 140-$ 6 $,0 .#0%$0# -*4;0# 6 $,0 +2, !+ '-+$0%5 6 51%#5 4<% %* ;0'-.$,0 6 *-50# %+ 2 44 -!8 +*:: +05 ,0 1%+ '-.#0%$:%#$ $,0 50+$# 80# #50:#%70# 6 0-5 105 +2, !+]*00- !'G%9 ;0$, 4<% %* ,%+ + 40$'40+ ;00- #0:#0+0-$05 %+ ,%7'-.'.'70-4%-8 0-5 140-$+ $ 05*2%$' - ;*$ % 2%#06*!'-U*'#8 ,%+ +, 1-$,%$ % 70#8 !%#.0 -*4;0# 6 $,0 +2, !+ :#60++'-.$;0 6 *-505 ;8 ,0# # '- ,0# $'40 10#0 40#0!8 #0+$ #%$' -+ # 0-!%#.040-$+ 6 :#0? 51%#5'%- +2, !+ ,0 20#$'6'2%$0+ 6 $,0 2 44'++' -0#+ *-50# $,0! ,%-$#'0+ 2$,%70 ;00- !8 :%#$'%!!8 :#0+0#705 $, +0 6 +070#%! 2 *-$&0+ -$%;!8 #6 !3%-5 *66 !3 $1 6 $,0 4 +$: :*! *+ %-5 :# +:0# *+ 2 *-$'0+'- .!%-5 %$ $,0 $'40 %#0 1, !!8 4'++'-. *$ $,08 +, 1 H+00 / % # %# ' '% #5 OK 0-9 5 105 .#%44%# # +02-5%#8 +2, !+ $,0-0E'+$'-. $ '+ %-' *-50#0+$'4%$0 $:*$ $,0 $ $%! -*4;0# %$ JKK ;02%*+0 1,0#070# 2! +0 ! 2%! #0+0%#2,'+;# *.,$ $;0%# '- !5 $ 1-+ % .#%44%# +2, ! %!4 +$ '-7%#'%;!8 %::0%#+ H 00 %# ', * 5 ,0 +%40 '+ !%#.0!8 $#*0 6 $,0 +2, !+ #0?







MOK

+2, !+ 1,0#0 - -0 0E'+$05 '-$# 5*205 ;8 # ,'$;#0%5&<% %* '-$,0 *+0 6 4 4 -+ '->)KL 1%+ :%#05 5 1-'$ '$,0 +4%!!0+$ $0#4+ %-5 $,0-! +$ '-$,0 *+0 6 #5+ '.,$ 80%#+ !%$0# $,0 +*;&02$ 1%+ #0-0105 '-$,0 ! 10# , *+0 ;8 #' # *.,%4 H. 1F 1, 1%.05 $,0 ! +'-.2%4:%'.- 1'$,*-6!%..'-. 0-0#.8 '+ 05*2%$' - ;'!!' -$# 5*205 '- >)NK ;*$ 6 #05 405 $ 6%'!*#0 '+ 6 2,'06 '-$0#0+$ $?5%8 %+ %-'-50E $ $,0 50- 4'-%9 $' -%!6 #20+ 1,'2,,%70 +$*;; #-!8 2 -$0-505 %$ 070#8 +$0:'-$,0:# .#0++ 6 -%$' -%! 05*2%9 $' - ,0 : +'$'70 %2,'07040-$+ 6 $,'+ ;#'!9 !'%-$!0%50# 10#0 $,0 2 44'++' -+ 6 '-U*'#8 1, +0 %:: '-$40-$,0 +02*#05< -0 '-'>)>O -$,0 +$%$0 6 : :*!%# 05*2%$' -''-$,0 0$# 9 : !'+< $,0 +02 -5 H>)>)F 0-5 105 +2, !+ ,0 4%++ 6 '-6 #4%$' -$,*+;# *.,$$ .0$,0# %-5 # *.,%4 +:0#+ -%! %::0%!+ $: :*!%# :'-' -2 -$#';*$05 : 10#6*!!8 $ $,0 6'-%! +*220++ 6 $,0 2%*+0 6 # 1,'2,',0 +$ 5 5 3 / ! / ,0 :%++%.0 6 $,0 #06 #4 ;'!!' -'>)JN 1,'2,' .#0%$!8 0E$0-505 $,0 6#%-2,'+0 '- -.!%-5 %1%30-05 % -01 +0-+0 6 :0#'! 6# 4 $,0 '.- #9 %-20 6 $,0 4%++0+ %-5 '-$,0 6 !! 1'-. 80%# H>)JJF $,0 6'#+$ %#!'%40-$%#8 .#%-$ aNK KKK H >KK KKKF 1%+ 4%50 6 # 0!040-$%#8 05*2%$' - ,0 4 -08 1%+ %:!'05+ !0!8 $ $,0 0#02$' - 6 +2, !, *+0+%-5 '-%'5 6 :#'7%$0+*;+2#':$' -+ 6 # $,0 :*#: +0 , *+ %$!0 -.$, #5 # *.9 ,%4 +5'2$* 4 R ,0 05*2%$' - 6 $,0 :0 :!0 '+ % 4%$$0# 6 7'$%! 2 -20# -S 1%+ 1# *.,$ '- -.!+,! !%1 %-5 :#02050-$ 8 $,0 $0#4+ 6 $,0 $#0%+*#8 4'-*$0 %5 :$05 *. JK >)JJ %++'+$%-20 6# 4 $,0 .#%-$ 1%+ -!8%!! 105 *: -+%$'+6%2$ #8 #0: #$+ %+ $ $,0 %::!'2%$' - 6# 4 0'$,0# $,0 %$' -%! 2'0$8 4<% %* # $,0 #'$'+, %-5 #0'.- 2, ! 2'0$8 &<% %* # +'E 80%#+ $,0 $1 + 2'0$'0+ 2 -$# !!05 $,0 5'+$#';*9 $' - 6 $,0 .#%-$ %-5 5 1-$ >)LK $,0'# '-9 6!*0-20 1%+ :%#%4 *-$ '-+,%:'-. $,0 +:'#'$ %-5 40$, 5+ 6 0!040-$%#8 05*2%$' - ,*+ ;8 '$+ #'.'-$,0 -%$' -%! +8+$04 %2U*'#05 $,0 4%-2,%#%2$0#'+$'2+ 6 $,0 0%#!'0# 7 !*-$%#8 +8+$04+ $' -,0#'05 6# 4 $,04 $,0 4 -'9 $ #'%! 0E:05'0-$ 1,'2, 5070! :05 '-$ $,0 :*:'!?$0%2,0# +8+$04 %-5 $#%'-.2 !!0.0+ 6 # $0%2,0#+ 1'$,$,0'# 5*%! #0!%$' -$ $ $%$0 %-5 ,*#2, 66'2'%! #0.*!%$' -+ %-5 %-' 66'2'%! '-+:02$ #%$0 10#0 , 1070#'%2 -+$%-$#04'-50# 6 $,0 #0+0#705 : 10# 6 $,0 $%$0 '-$,'+.# 19 '-.''-$0#0+$,0 :0#' 5 6# 4 >)JJ $ >)LK 1%+ 4%#305 ;8 $,0 0E$0-+' - 6 . 70#-40-$%2$' -$,# *., 0E'+$'-.%.0-2'0+ -' >)JP $,0 %--*%! .#%-$ 1%+ '-2#0%+05 $ aJK KKK H^>QK KKKF $;0 %::!'05 1'$, *$ #0+$#'2$' - 6 # :*#: +0+ 6 0!040-$%#8 05*2%$' -

> KKK KKK 1 , 10#0 R -0.!02$05S < 6 $, +0 ;09 $100- $0- %-5 $10!70 NQK KKK 10#0 '- $,0 +2, !+ %-5 QKK KKK - $ %22 *-$05 6 # - '$+ #'.'-%! 6 #4 $,0 ;'!! :# : +05 $,%$ +2, ! ; %#5+ '- 4*-'2':%! 5'+$#'2$+ +, *!5 ;0 0!02$05 ;8 $,0 $ 1-2 *-2'!+ 1'-.' $ $,0 2,% + 6 -.!'+,' ! 2%! . 70#-40-$ $,0#0 10#0 - +*'$%;!0 2 ##0+: -5'-.' ! 2%! %*$, #'$'0+ *$+'50 $,0 4*-'2':%! %#0%+ #+$0# 1%+ $,0#06 #0 5#'70-' $:# : +0 $,%$ '- - -4*-'9 2':%! 5'+$#'2$+ %-01 ! 2%! %*$, #'$ " $,0 +2, ! ; %#5 +, *!5 1,0#0 506'2'0-28 '- +2, ! %22 4 4 5%$' - 2 4:0!!05 '$+ 6 #4%$' - ;0 0!02$05 ;8 5'#02$: :*!%# 7 $0 $ 1%+ #'.9 '-%!!8 :# : +05 $,%$ $,0 +2, ! ; %#5+ +, *!5 ,%70 : 10# - $ -!8 $ 0+$%;!'+, 1,0#0 -029 0++%#8 +2, !+ *-50# $,0'# 1-5 4%-%.040-$;*$ $ %'5 *$ 6 #%$0+ 0E'+$'-.' 7 !*-$%#8 +2, !+ -2 -5'$' - , 1070# $,%$ 1,0#0 +*2, %'5 1%+ .'70- +2, !+ 6 %!! 50- 4'-%$' -+ +, *!5 ;0 #0.%#505 %+ ,%7'-.'%-' 0U*%! 2!%'4 $ +*2, %++'+$%-20 ,0 +2, ! ; %#5+ 10#0 $;0 !06$:0#602$!8 6#00 '- $,0'# #0.*!%$' - 6 $,0 #0!'.' *+ $0%2,'-.'.'70- '- +2, !+ *-50# $,0'# 5'#02$ 2 -$# ! -' $,0 2 *#+0 6 %#!'%40-$%#8 5'+2*++' - 6$0- 04;'$$0#05 %-5 :0#'! *+ $ $,0 . 70#-9 40-$ $,0 #'.'-%! 6#%401 #3 6 $,0 ;'!! 1%+ .#0%$!8 2,%-.05 ,0 4*-'2':%! +2, ! ; %#5 1%+ %;%-5 -05 -01 ! 2%! %*$, #'$8 0!02$05 (1%+ '-%!! 2%+0+ $ %2$ %+ %' +2, ! ; %#5 -' $,0 2%+0 6 '$+ 1-2, ! '$,0 !%$$0# 1%+ 6 #;'550- '-$,0 1 #5+ 6 $,0 1:0#? 04:!0 2!%*+0 =$ %!! 1 R%-8 #0!'.' *+ 2%$02,'+4 # #0!'.' *+ 6 #4*!%#8 1,'2,'+ 5'+$'-2$'70 6 %-8 :%#$'2*!%# 50- 4'-%$' -' S $;0 $%*.,$ $ $,0 +2, !%#+ $ 4'.,$' '6 '$ + :#060##05 :# 7'50 - #0!'.' *+ '-+$#*2$' - %$ %!! ,0 7 !*-$%#8 +2, !+ 10#0 5'+U*%!'6'05 6# 4 #020'7'-.' %-8 %'5 6# 4 #%$0+ %-5 10#0 .'70-' %-' -2#0%+05 .#%-$ 6# 4 $,0 %#!'%40-$%#8 7 $0 ,*+ $,0 ;'!! +0$ *:' -' *-+$%;!0 0U*'!';#'*4 $,0 -01 ; %#5+2, !+ %-5 $,0 7 !*-$%#8 +2, !+ %+ $1 :%#$+ 6 %5*%! +8+$04 6 0!040-$%#8 05*2%$' - ,0 '50% 6 % 4*-'2':%! %*$, #'$8 '- 0!040-$%#8 05*2%$' - 2 *!5 - $;0 #0%!'G05 $'!! $,0 80%# >PKN 1,0- $,0 1 #3'-. 6 $,0 2%! 70#-9 40-$ 2$ 6 >)))',%5 2 70#05 $,0 1, !0 2 *-9 $#8 1'$,' % 2 4 4 - $8:0 6 ! 2%! %*$, #'$8 # #+$0#+ %2$ 1%+ $,0 #0%! $, *.,' ;09 !%$05 ;0.'--'-.' 6 $,0 :#0+0-$ #.%-'G0%' - 6 :*;!'2 +2, !+ -0 # $ 2%*+0 6 $,0 50!%8 1%+ $,0 %;+0-20 6 %-8 2 4:!0$0 +8+$04 6 #0:#0+0-$%$'70 ! 2%! . 70#-9 40-$ $, # *., *$ $,0 2 *-$#8 '$, *$ $,'+ 05*2%$' -%! +$%$0+40-,%5 - ! 2%! %54'-'+$#%9 $'70 6 *-5%$' - *: - 1,'2,' $;*!'5 ,*+ 7 !*-$%#8 066 #$ -020++%#8 %-5 ;0-06'2'%! %+ '$ 1%+ ,%5 $'40 $,%#50-' -$ 70+$05 '-$0#0+$+ 1'$,' 1,'2,' $,0 $%$0 2 *!5 - $ 0%+'!8 2 -$0-5 %-5 2 -6!'2$+ 6 :'-' -*: -#0!'.' *+ U*0+$' -+ 2 4;'-05 1'$,' $,0 4 #0 ,'550- '-6!*0-20+ 6 2!%++ +0:%#%$' - .%'-05 *-5*0 : 10# '- 50$0#9 4'-'-.' - $ -!8 $,0 2 *#+0 6 $,0 05*2%$' -%! 2 -$# 70#+8;*$ '- %%602$'-.' $,0 %2$' - 6 $,0 $%$0 '$+0!6 ,0 10%30+$: '-$+' - #+$0#+ 1-;'!! 10#0 5*0 $ $,0 !%23 6 % +*66'2'0-28 6 #0:#0+0-$%$'70 '-+$'$*$' -+ 6 # ! 2%! . 70#-9 40-$ '- -.!%-5 %-5 %!0+ *$,'+ %2$ 2%##'05 $,#00 .#0%$:#'-2':!0+ '-$ 06602$ $ 0+9 $%;!'+,05 % 2 4:*!+ #8 ! 2%! #%$0 6 # 05*2%$' - 1,0#0 506'2'0-2'0+ '-+2, !+ *:!8 10#0 - $ 40$;8 7 !*-$%#8 066 #$ $ +0$ *:% #0:#0+0-$%$'70 ! 2%! 05*2%$' - %*$, #'$8 '-%!! 5'+$#'2$+ 1,0#0 :*;!'2 :'-' -504%-505 '$' # 1,0#0 $,0 6%!*#0 6 7 !*-$%#8 066 #$ #0-50#05 '$ -020++%#8 -5 '$ '-$# 5*205 $, *.,%$ $,0 :$' - 6 $,0 -01 ! 2%! %*$, #'$'0+ $,0 :#'-2':!0 6 2 4:*!+ #8 %$$0-5%-20 %$ +2, ! -0-5*#'-.' -%$' -%! +8+$04 , 1070# 1%+ - $ 2#0%$05 ;8 $,'+ ;'!! *$ $,0 6 *-5%$' -+ 6 % -%$' -%! +8+$04 10#0 !%'5 %-5 $,0 4%2,'-0#8 6 % :*;!'2 +8+$04 1%+ '-$# 5*205

,0 2$ 502!%#05 $,%$ $,0#0 +, *!5 R ;0 :# 7'505 6 # 070#8 +2, ! 5'+$#'2$ % +*66'2'0-$ %4 *-$ 6 %22 4 4 5%$' -'-:*;!'2 0!040-$%#8 +2, !+ %7%'!%;!0 6 # %!! $,0 2,'!5#0-' #0+'50-$ '-$,0 5'+$#'2$' 6 # 1, +0 0!040-$%#8 05*2%$' - 066'2'0-$ # +*'$%;!0 :# 7'+' -'+ - $ $,0#1'+0 4%50 S ,0-'$,0#0 1%+'-+*66'2'0-$%22 4 4 9 5%$' -$,0 %2$:#0+2#';05 $,0 4%--0# '-1,'2,' '$ +, *!5 ;0 +*::!'05 -0!040-$%#8 +2, ! 1%+ 506'-05 %+ \/ % +2, ! # 50:%#$40-$ 6 % +2, ! %$ 1:,'2,' 0!040-$%#8 05*2%$' -'+ $,0 :#'-2':%! :%#$ 6 $,0 05*2%$' -$,0#0 .'70-' %-5 -$'-2!*5'-.'%-8 +2, ! # 50:%#$40-$ 6 % +2, ! %$ 1,'2,' $,0 #5'-%#8 :%840-$+ '- #0+:02$ 6 '-+$#*2$' -6 # 0%2,' +2, !%# 0E2005 -'-0 :0-20 % 1003 S !! :*;!'2 0!040-$%#8 +2, !+ 10#0 #0U*'#05 $;' :0-$' . " 0#-40-$ '-+:02$' -%-5 $ 2 -6 #4 1'$,' $,0 #0.*!%$' -+ 6 $,0 5*2%$' - 0:%#$40-$ %+ !%'5 5 1-' - $,0 %--*%! 2 50 -8 #0!'.' *+ $0%2,'-.' # #0!'.' *+ ;+0#7%-20 '-$,0 +2, ! 1%+ #0U*'#05 $;0 .'70-' %$ $,0 ;0.'--'-.' # 0-5 6 % +2, ! 400$'-' -#50# $,%$ *-50# $,0 2 -+2'0-20 2!%*+0 %-8 +2, !%# 4'.,$' %$,'+ :%#0-$+ #09 U*0+$;0 1'$,5#%1-6# 4 '$ H+02 L >?NJF 6$0# 5*0 '-U*'#8 $,0 5*2%$' - 0:%#$40-$ 1% $:*;!'+,' % -$'20 6 $,0 :*;!'2 +2, ! %22 4 4 5%$' - -020++%#8 '- 0%2, 5'+$#'2$ '- -.!%-5 %-5 %!0+ 6 7 !*-$%#8 066 #$ 2 *!5 -$+*:!8$,'+ %22 4 4 5%$' -1',' %#0%+ -9 %;!0$'40 # 6 0E'+$'-.' 7 !*-$%#8 +2, !+ 10#0 -$!'30!8 $;0 4%'-$%'-05 # 6 $,0 0!02$ #+ %:!'05 6 # % +2, ! ; %#5 $,0 0:%#$40-$ 4'.,$ #50# $,0 6 #4%$' - 6 % +2, ! ; %#5 '- 070#8 5'+$#'2$ H% ; # *., # % :%#'+, # % 2 49 ;'-%$' - 6 $,0+0 $;0 0!02$05 $#'0--'%!!8 ;8 $,0 2*4*!%$'70 7 $0 '- % ; # *., ;8 $,0 ;*#.0++0 %-5 '- % :%#'+, ;&$'$,0 #%$0:%80#+ 40- 6 '-50:0-50-$ #%$0:%80#+ 10#0 0-9 $'$!05 $ 7 $0 0U*%!!8 1'$,'40- %-5 %-8 2%-5'9 5%$0 4%!0 # 604%!0 #0+'50-$ # - -#0+'50-$ 1%+ 0!'.';!0 6 # 0!02$' - -8 +2, ! ; %#5 6%'!9 '-.' '- $#5*$'0+ 2 *!5 ;0 502!%#05 '- 506%*!$;8

%' 0-$#%!' %#5' 6' 5*2%$' -' 1%+' 2#0%$05'%-5' $ '$' 10#0' $#%-+60##05' $,0' 05*2%$' -%!' 6*-2$' -+' ,'$,0#$ ' :0#6 #405' ;8' $,0' 6 !! 1'-.' ; 5'0+' ↑ ,0' 44'$$00' 6' *-2'!' -' 5*2%$' -' -0' 5'7'+' -' 6' 1,'2,' %54'-'+$0#05' $,0' .#%-$' 6 # 0!040-$%#8' +2, !+' %-5' %- $,0#' 5'7'+' -' $,0' .#%-$ 6 # +2'0-20' %-5' %#$ +2, !+' < $,0' ,%#'$8' 44'++' -0#+' %+' #0!%$05' $ ' $,0' #0 #.%-'G%$' -' 6' 05*2%$' -%!' $#*+$+' %-5' 0-5 140-$+' < %-5' $,0' %#5' 6' .#'2*!$*#0' ,0' !%1' 5'5' - $!'4'$ $,0' 5*$'0+' 6' $,0' -01' ; %#5' ' 0!040-$%#8' 05*2%$' -' < '$' :# 7'505' 6 # R' % 2 -+*!$%$'70' 2 44'$$00' $ ' ;0' 2 -+$'$*$05' ;8' %-' #50# '-' 2 *-2'!' 2 -+'+$'-.' 6' :0#+ -+' U*%!'6'05' $ ' #0:#0+0-$ $,0' 7'01+' 6' *-'70#+'$'0+' %-5' $,0# ; 5'0+' '-$0#0+$05' '-' 05*2%$' -' 6 # $,0' :*#: +0' 6' 6#%4'-.' 1'$,' $,0' %:: # 7%!' 6' $,0' %#5' 6' 5*2%$' -' #0.*!%$' -+' 6 # % #0.'+$0# 6' $0%2,0#+' S' %-5' 6' R' %57'+'-.' $,0' %#5' 6' 5*2%$' -' -' %-8' 4%$$0# #060##05' $ ' $,04' ;8' $,0' %#5 S' ,0' !%1' %!+' %*$, #'G05' $,0' %#5' R' $ ' '-+:02$' %-8' +2, !' +*: :!8'-.' +029 -5%#8' 05*2%$' -' %-5' 50+'#'-.' $ ' ;0' '-+:02$05 S (' 0 % / ' -' %22 #5%-20' 1'$,' $,0' %2$' 6' >)LK' 7 1*-$%#8' +2, !+' 10#0' *-50# $,0' 0E2!*+'70' 2 -$# !' 6' :#'7%$0' 4%-%.0#+< 0!02$05' +2, !' ; %#5+' ,%5' 2 -$# !' 6' $,0' :*;!'2' 0!040-9 $%#8' +2, !+' %-5' $,# *.,' $,0'# #'.,$' $ ' 2!%'4' #%$0+' 2 44%-505' %!4 +$ *-!'4'$05' #0+ *#20+' 8' $,0' 5*2%$' -' 2$' 6' >PKN' $,0' +2, !' ; %#5+' 10#0' %; !'+,05' %-5' $,0' ! 2%!' 2 -$# !' 6' +2, !+' :%++05' $ ' $,0' 2'7'!' 6' 2-'!+' 6' 2 *-$'0+' %-5' 2 *-$8' ; # *.,+' 8' $,'+' %2$' %!+ ' 7 !9 *-$%#8' +2, !+' 10#0' %54'$$05' $ ' +,%#0' '-' $,0' ! 2%!' $%E0+' ;*$' 1'$, *$' ! 2%!' 2 -$# !' ,*+' 1%+' %22 4:!'+,05' - $' -!8' % 2 4:!0$0' 2,%-.0' '-'+2, !' %54'-'+$#%$' -' ;*$'%#%5'2%!' 50:%#$*#0' 6# 4'! -.?2,0#'+,05' :#'-2':!0+ ,0' --*%!' 50+' / ' 1-' $ ' $,0' ! ' >PPN' !0.'+!%$' -' $0-505' $ ' $,0' -0' :*#: +0' 6' ;#'-.'-.' 070#8' 2,'!5' '-' $,0' 3'-.5 4' *-50# '-+$#*2$' -' 0%-1,'!0' $,0' . 70#-40-$ 4%50' '$+0!6' 60!$' %!+' '-' $,0' '--0# 1 #3'-.+' 6' $,0' +2, !+' ,0' +0#7'20' 6' '-+:02$' -' 1%+' ;%+05' , 1070#' *: -' $,0' #'.,$' 6' $,0' $%$0' $ ' .*%#5' '$+' %:: # :#'%$' -+' '-+$0%5' 6' '$+' '-,0#0-$' #'.,$ $ ' #0.*!%$0' $,0' 05*2%$' -' 6' 6*$*#0' 2'$'G0-+' -+0U*0-$!8' $,0' %--*%!' 2 50+' # #0.*!%$' -+' '++*05' ;8' $,0' 5*2%$' -' 0:%#$40-$' 1'$,' $,0' +%-2$' -' 6' %#!'%40-$' +'4:!8' +0$' 6 #$,' $,0' 4'-'4*4'2 -5'$' -+' *: -' 1,'2,' % +2, !' !' +,%#0' '-' $,0' .#%-$ 6 # $,0' 80%#' ,0+0' 2 -9 5'$' -+' $, *.,' 4 5'6'05' '-' 50$%'!' 6# 4' $'40' $ ' $'40',%70'#04%'-05'*-2,%-.05' '-' $,0' 0++0-$'%!+' '-2!*505' -%40!8' +2, !' ;*'!5'-.+' %-5' 0U*':9 40-$+' $,0' -*4;0#' %-5' U*%!'6'2%$' -+' 6' $0%2,0#+' $,0' !0-.$,' 6' $,0' +2, !' +0++' -' $,0' %$$0-5%-20' 6' :*:'!+' %-5' $,0' :# 6+' 6' 066'2'0-$ '-+$#*2$' -' '+$'-2$' :# 7'+' -+' *' -' %!!' $,0+0' #0+:02$+' %#0' 4%50' 6 #' $,0' 5'660#0-$' 2!%++0+' 6' +2, !+' '-2!*505' '-' $,0' 0!040-$%#8' +8+$04' ,0+0' %#0' '-6%-$' +2, !+' H #'.'-%!!8' 6 #' 2,'!5#0-' *-50# +070-' 80%#+' 6' %.0F' +2, !+' 6 # !50# :*:'!+' H1,'2,' 2 4:#'+05' %$' 6'#+$' +'E' +$%-5%#5+' # .#%50+' +*;+0U*0-$!8' '-2#0%+05' $ ' +070-F 070-'-.' +2, !+' H%$' :#0+0-$' '-2!*505' *-50# ,'.,0#' 05*2%$' -F' %-5' $#%'-'-.' 2 !!0.0+' 6 # $0%2,0#+

8' $,0' 2 50' 6' >)L>' $,0' 6'#+$' '++*05' %6$0# $,0' #+$0# !%1' 1%+' :%++05' %' +2, !' -' $,0' '-9 +:02$' -' !'+$' %; 70' $,0' '-6%-$' .#%50' #020'705' O+' :0# :*:'!' '-' %70#%.0' %$$0-5%-20' M+' 6 # 070#8' :%++' '-' 0%2,' 6' $,0' $,#00' 0!040-$%#8' +$*5'0+' # %'$ $%!' 6' >N+' :0# :*:'!' -' $,0' #0+*!$+' ;%+'+' 1,'2,' +*4' 4'.,$' ;0' %*.40-$05' ;8' % .#%-$ 6' J+' 6 # 070#8' :%++' '-' +:02'6'2' +*;&02$+' ;*$ - ' :*:'!' 2 *!5' :#0+0-$ 4 #0' $,%-' $1 ' +*;&02$+' 6' $,'+' 2!%++' ' ;0' #02 .-'G05' 6 # $,0' .#%-$ % +2, !' 4*+$,%70' 40$ - $'!0+' $,%-' MKK' $'40+' 5*#'-.' $,0' 80%# %-5' :*:'!+' :#0+0-$05' 6 # 0E%4'-%$' -' 4*+$,%70' %$$0-505' - $'!0+' $,%-' NQK' $'40+' H>QK' '-' $,0' 2%+0' 6' ,%!6?$'40#+F' 6 # % 4'-'4*4'5%'!8' +0++' -' 6' $1 ' ,*#+' $ 1%+' #0U*'#05' $,%$' $,0' ,0%5' $0%2,0#' +, *!5' ;0%# % 20#9 $%'-' :# : #$' -' $ ' $,0' -*4;0#' 6' :*:'!+' ,0' $ $%!' .#%-$ 6 # %-' '-5'7'5*%!' +2, !' 1%+' #'.'9 -%!!8' #0+$#'2$05' $ ' $,0' %4 *-$50#'705'6# 4'! 2%!' + *#20+' -' >)LO' $,'+' #0U*'#040-$ 1%+' #09 :!%205' ;8' $,0' 2 -5'$' -' $,%$' $,0' $ $%!' .#%-$ $ ' % +2, !' +,*!5' - $' 0E2005' >L+' 05' :0# 2%:'$%' 6' %70#%.0' %$$0-5%-20' *-!0+' $,0' 0E20++' 1%+' 40$;8' %-' 0U*%!' +*4'6# 4'! 2%!' + *#20+' ,0' 6'#+$' '4: #$%-$2,%-.0' '-' $,0' #0U*'#040-$+' 6 # :%#$'2':%$' -' '-' $,0' %--*%!' .#%-$ 1%+' 4%50' ;8' $,0' 2 50' 6' >))N' H *-50!!%' 50F' 1,'2,' '-$# 5*205' % 40#'$.#%-$ $ ' ;0' %1%#505' %$' $,0' #%$0' 6' +' $ ' J+' :0# 2%:'$%' -' $,0' ;%+'+' 6' %70#9 %.0' %$$0-5%-20' ,0' 2 50' 6' >)PQ' +*;+$'$*$05' 6 # $,0' %--*%!' 6 #4%!' 0E%4'-%$' -+' $1 ' %--*%!' 7'+'$+' ;8' $,0' '-+:02$ #' $ ' ;0' 4%50' 1'$, *$ - $'20' %-5' #02 .-'G05' %70#%.0' %$$0-5%-20' %+' $,0' ;%+'+' 6 # -0%#!8' $,0' 1, !0' .#%-$' < $,'+' %#9 #%-.040-$ 0-505' $,0' #0+*!$+' +8+$04' -+ !'9 5%$05' $,0' .#%-$+' %-5' .%70' .#0%$0# 6#005 4' $ ' $0%2,0#+

,0' 2 50+',%70';00-'0U*%!!8' 0E:!'2'$' %+' $ ' $,0' .#%-$' #0U*'#040-$+' 6 # '-6%-$' %-5' 070-'-.' +2, !+' ;*$' $,0' :%#$'2*!%#+' 2'$05' '!!*+$#%$0' +*66'2'0-$!8' $,0' 02 - 4'2' :#'-2':!0+' *: -' 1,'2,' $,0' %--*%!' .#%-$,%+' ;00-' 5'+$#';*$05' ,0' 0E20++'70' #0.%#5' 6 # $,0' 6 #4%!' +'50' 6' +2, !' :# 20++0+' 6 +$0#05' ;8' $,'+' :#'-2':!0' ,%+',%5' $,0' 066026$' 6' '-+*#'-.' % 506'-'$0' :# .#%4' 6 # 070#8' 0!040-$%#8' +2, !' 6' -.!%-5' %-5' 70#8' 0E%2$' '-6 #4%$' -' %+' $ ' $,0' +$%$0' 6' +2, !' %$$0-5%-20' $,# *., *$' $,0' 2 *-$#8' 0%-9 1,'!0' $,0# '-6!*0-20+',%70' ;00-' 1 #3'-.' $ 9 1%#5' $,0' %5 :$' -' 6' + *-50# 05*2%$' -%!' :#'-2':!0+

'+$'-2$'70' 0%$*#0+' / ' ,0' -.!'+,' +8+$04' 6' 0!040-$%#8' 05*2%$' -' 1%+' 5'+$'-.*'+,05' 6# 4' $,0' 6'#+$' ;8' $,0' :# 7'+' -+' #0+:02$'-.'#0!'.' *+' '-+$#*2$' -' $,0' %$$0-5%-20' 6' ,%!6?$'40#+' %-5' $,0' $#%'-'-.' 6' $0%2,0#+' ,0+0' 60%$*#0+' +$'!!' :0#+'+$' ;*$' $,08' ,%70' ;00-' .#0%$!8' 4 5'6'05' ;8' #020-$ 070-$+

" 0' , 0(% / ' 06 #0' >)LK' -' +2, !' 1%+' +*;+'5'G05' *-!0++' 2 --02$05' 1:'$,' $,0' ,*#2,' 6' -.!%-5' $,0' 4%-' %$, !'2

>)LJ >))J

	70#%.0 %$$0-5%-20	0# #0-$ 6 $ $%!		-# !!05	0# 20-$ 6 $ $%!	
%$ -%! 2'0$8 H ,*#2, 6 -.!%-5F 0+!08%- #'$'+,' %-5 $,0# +2, !+ H*-50- 4'-%$' -%! %-5 (01'+,F 4%- %$, !'2	) KQ> > K>L O))	O) OM NK OJ Q PP	>> LKJ QQP > M>N)>L	N >JM L>P >LQ)NO JJL QJ> NNO QOL	MP KQ M >> L)P Q %	
$%! 7 !*-$%#8 %#5 +2, !+	>K QLM QNK	PQ NO M LM	>M MK> M KMP	N)LM O>J > JP) OK>	KL N JN LQ	
	>>]PM	> M)N M)K		M NLJ JKM		
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	-# !!05	0# 20-$ 6 $ $%!		-# !!05	0# #0-$ K $ $%!	
%$ -%! 2'0$8 H ,*#2, 6 -.!%-5F 0+!08%- #'$'+,' %-5 $,0# 2; !+ H*-50- 4'-%$' -%! %-5 (01'+,F 4%- %$, !'2	>> PN) QNN > NPK PLK	N NLQ OKP >LJ))Q J>) MMM NLJ LM>	MM >Q J JL Q >L Q J>	>>)>L MQK LQN > KOJ	N JQK >LO >QJ QNJ N>N JNQ JJL)HF)	JK >L N Q J QM Q OJ
$%! 7 !*-$%#8 I %#5 +2, !+ N	>M L>K M PLN	J KM> OLP N >>>)OJ	QP KK M> KK	>M K)N O >MQ	J KQJ)KN N PMO Q>>	QK)P MP >>
#%-5 $ $%!	>P O)N	Q >QJ QMN		NK NNL		

Ń '-20 >PKN - -?:# 7'505 +2, !+ f '-20 >PKN :# 7'505 # 2 *-2'! +2, !+

>)LJ >))J

	) o # #	'%	) o # #	'%
#'$'+,'%-5 $,0# +2, !+ H*-50- 4'-%$' -%! %-5 (01'+,F 4%- %$, !'2	aQMP MNO >OM NK)' MQ MLP	aPQJ NNP N)Q KNQ LK LOP	a> NKJ KNQ >K> >NM >PM ON)' >NN >K>	a> QOJ OPL >>P MMJ NOJ >NJ >N) MKO
	LQP NKJ JO LK	> JKP PNJ OJ JK	> ONK)L) MJ)L	N KLM OOP QO >J
	>N)O) >J N)	)M KQ>)O LN	LL> KQK JO >L	> JON N)M OJ)J
	LLN KL> JQ OQ	> JPJ PLM OM JQ	N JPN)N) M> KQ	J MJO P QJ Q) PQ

>)PJ >PKN

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#'$'+,'%-5 $,0#+2, !+ H*-50- 4'-%$' -%! %-5 (01'+,F	aN JL> KLN >)N K)Q JMJ OOK NLL O>K	aPLJ NM> KJ QQM >Q) KKK >K>)NN	aJ MKP KMQ N JJ ON) JKM K)L MOM >OJ	aPKN NKQ V'Q)QL > QJ KNJ PP J)Q
0# 20-$ 6 $ $%!	J >LO NNL L> KN	> NPO O>L N) P)	M QKN LNJ L) KK	> NLK MLK NN KK
0# 20-$ 6 $ $%!	N JKO QOL QK K)	>)KO OMO MJ KN	J QQ) MKQ QK K>	J QQ) >MJ MP PP
	O M)N LPM OJ)O	J >K J NKJ JO >M	) KO> N>) ON QM	M)N) O>J JL MO

MOO

,0'%2$' 6' >PKN',%+'$,0#06 #0'%5 *;!0'%+:02$"'$' 1%+'-020++%#8' -'%22 *-$' 6'0!02$' -':!05.0+'4%50' ;8' $,0' -+0#7%$'70' :%#$8' $' $,0'#2!0#'2%!' %5,0#0-$+<' %$' $,0'+%40'$'40'$' 1%+'-9$0-505'$' 0!'4'-%$0' +0#' *+'07'!+' ;8' 0U*%!'G'-.'%-5' *-'68'-.'$,0' 05*2%$' -%!' :# 7'+' -' 6' $,0' 2 *-$#8' ,0' !%$$0#' %+:02$' 1%+'$,0' -0' :#09+0-$05' ;8' #' %!6 *#'-'+*;4'$$'-.'$,0'40%+*#0'$' $,0' *+0' R' $+':*#: +0 S',0'+%'5'1-%+'R$' 6*!6'!!'$,0':!05.0'.'70-'-'$,0' '-.!+'+:002,'$,%$'%' ;'!!' +, *!5' ;0' '-$# 5*205'50%!'-.'- $' 1'$,'+02 -5%#8'05*2%$' -' # 1'$,' :#'4%#\"05*2%$' -''-'$,0'# '+ !%$' -';*$' 1'$,'; $,'-' -0'40%+*#0'%-5' 1'$,'% 7'01'$' $,0'# ;0$$0# 2 #5'-%$' - S' $,'+'0-5'$,0' ;'!!' +10:$' *$' 6'0E'+$0-20'$,0' +2, !' ; %#5+'%-5'$#%-+60##05'$,0'# 6*-29$' -+'$' $,0' 2*-$8'%-5'; # *.,'2*-2'!+' ,0' +'-.!0'%*$, #'$8''50%!' 1%+'%$' -20'5'++':%$05'; 8' $,0' :: +'$' -' 6' $,0' .#0%$' 2'$'0+'%-5'$,0' 2!%4 # 6' !%#.0'*#;%-'5'+$#'2$+' +'%' 2 -+09U*0-20' ; # *.,+' ,%7'-.' 4 #0' $,%-' □ □□□' '-,%;'$%-$+'%-5' *#;%-'5'+$#'2$+',%7'-.' 4 #0' $,%-' □ □□□' 10#0' .'70-' '-50:0-50-$' 2 -$# !' 6' $,0'# +2, !+' ,0' 60%#' $,%$' $,0' ,'.,0# .#%50' +2, !+' 1:*!5' ;0' +%2#'6'205' 1%+'%!!%805'; 8' $,0' 5*$8' '4:+05' *:-' $,0' 2*-2'!+' $' +*::!8' 05*2%$' -' $,0# $,%-'0!040-$%#8' H 2$' >PKN' %#$' F' -' $,'+' 2 --02$' -' %' 2 -920++' -' 1%+' %!+' 4%50' $' $,0' +4%!!0#' 2'$'0+'%-5' $' *#;%-'%#0%+' ;8' .'7'-.'$,0'# 2*-2'!+' R'2 -2*##0-$' :10#+' 1'$,'$,0' 2 *-$8' 2 *-2'!+' '-' #0+:02$' $' $,0' 0E:0-5'$*#0' 6 #',.,0# .#%50' +2, !+'S'H %#$' '2!%*+0'JF' '-%!!8''-'7'01' 6' $,0' 6%2$' $,%$' $,0' 2 *-2'!+' 10#0' %!#0%58' 70#$%E05''$' 1%+' :# 7'505' $,%$' $,08' +, *!5' 50!0.%$0' $,0'# :10#+' *-50#' $,0' !%1'/'0E20:$9'-.' -!8' $,0' :10#' 6' #%'+'-.'#%$0+' #' ; ## 19'-.' 4 -08' /'$' 05*2%$' -' 2 44'$$00+' H %#$' '+02'>LF' 1,'!0' ; $,'2 *-2'!+'%-5'2 44'$$00+' 10#0' #0!'0705' 6' $,0' 70#+'.,$' 6' '-5'7'5*%!' +2, !+'$,# *.,'$,0' :# 7'+' -' 6' +2, !' 4%-%9.0#+' H %#$' '+02' F,*+'$'$,0' 2 *-2'!+' 50+'.-%$05'%+' 05*2%$' -'%*$, #'$'0+''-'$,0' 6'#+$ 2!%*+0' 6' $,0' !%1' H'-'%!!'>NP' 10#0' %5505' NK>' 2'$8' 2 *-2'!+')QJ'%*$, #'9$'0+' 6 #R',.,0# S' 05*2%$' -'%-5'%-''-506'-'$0'-*4;0#' 6' 05*2%$' -' 2 44'$$00+' %-5' +2, !'4%-%.0#+' ,0' %*$, #'$8' 6' $,0' 2 *-2'!+' 1%+'-$!'4'$05'$' $,0' +2, !+' 0+$%;!'+,05';8' $,04';*$' 0E$0-505' 0U*%!!8' $' 7 !*-$%#8' +2, !+' 8' $,0' #'.'-%!':#7'+' -+' 6' $,0' ;'!!' $,0' 2 -95*2$' 6' $,0'!%$$0#' 1%+'!06$ 1, !!8' $'$,0'#:#'7%$0'4%-%.0#+<' ;*$' $,0':# :+%!' $' :!%20' 50- 4'9-%$' -%!' +2, !+' *:-' $,0' #%$0+' 1'$, *$' %-8'50.#00' 6':*;!'2 2 -$# !'#%'+05'+*2,'%+$ #4' 6' ::+'$' -'6# 4';$,' -+0#7%$'70+'%-5' ';90#%!+'$,%$' %' +!'.,$' ;*$' +'.-'6'2%-$' 4 5'6'92%$' -' 1%+' 4%50'!8' 1,'2,'$,0'!2%!' 05*2%$' -'%*$, #'$'0+' 10#0' %!! 105'$'%:: '-$'$1' *$' 6'+'E' 4%-%.0#+' 6' 7 !*-$%#8' +2, !+<' %$' $,0' !%+$4 40-$'$,0' 2-8 -? !%-08' 2!%*+0' 1%+'2%##'05'1,'2,' :!%205' $,0' #0!'.' *+' '-+$#*2$' -' *-50#$,0' 2 -$# !' 6' $,0+0' 4%-%.0#+' H %#$' +02+'O N<' L OF' ,0' 4%-%.0#+' 6' 7 !*-$%#8' +2, !+' %#0' 6*#$,0# #00&*'#05' '-':%#$'2*!%#' $' 2%##8' *$%-8' 5'#02$' -' 6' $,0'! 2%!' 05*2%$' -'%*$, #'$'0+''-' #0+:02$' $' +02*!%#' '-+$#*2$' -' :# 7'50' $,0'+2, !, *+0+'6#00' 6'2,%#.0' 300:'$,0' ;*'!5'-.+''-'. 5' #0:%'#'%-5' 4%30' +*2,'4:# 7040-$+''-'$,04'%+' 4%8'#0%+ -%;!8' ;0' 2%!!05'6 #,0'2 -+$'$*$' -' 6'$,0'05*2%$' -'2 44'$$00+'1%+'2%#06*!!8' :# 7'505'6 #'%-5''$ 1%+'0E:#0++!8' #50#05'$,%$' 1 40-'+, *!5';0'%:: '-$05'*: -'$,04' ,'+'1%+'%'+'.-'6'2%-$'%54'++' -' 6'$,0'.#0%$'+0#7'20' 1 40-',%5'#0-50#05'%+' 404 ;0#+'6'$,0'+2, !';%#5+'%!$, *.,''$'6%'!05''$' .'70'$,04':!%20''-'$,0'#0%!!'%*$, #'$%$'70' ; 5'0+'%%' $,0' 2*-2'!+' 1,'2,' 1%+' *#.05' ;8' :# 9.#0++'70' 40-'%-5' 1 40-'%!!' 70#' $,0' 2 *-$#8' 0-206 #$,'$,0' 6 #40#' ; %#5' +2, !+'%#0'$' $' ;0'3- 1-'%+':*;!'2' 0!040-$%#8' +2, !+':# 7'505';8' $,0' ! 2%!' 05*2%$' -'%*$, #'$8' H #' ;#'06!8'R :# 7'505S' # 2*-2'!' +2, !+<' $,0' 6 #40#7 !*-$%#8' +2, !+'%+' - -?:# 7'505$' +, *!5';0' - $05'6*#$,0#' $,%$' 1,0#0%+'$,0'%2$' 6' >)LK':!%205' -'#0+$#'2$' -+'*:-'$,0'*:9 1%#5'5070! :40-$' 6' 0!040-$%#8' +2, !+'$,0':#0+0-$' %2$''+'0E:!'2'$' -'$,'+':'-$'%-5'.'70+'$,0'6'#+$' 506'-'$' -' 6' 0!040-$%#8' 05*2%$' -''-'-.!'+,'!%1' $' :# 7'50+'$,%$'?' -'$,'+'%2$'%-5''-' $,0' 0!040-$%#8' 05*2%$' -' %2$+' $,0' 0E:#0++' -'\' 0!040-$%#8' +2, !'' +,%!!' -$''-9 2!*50'%-8'+2, !'2%##'05' -'%+'%-'070-'-.'+2, !'*-50#' $,0' #0.*!%$'-+' 6' $,0' ; %#5' 6' 05*2%9$' -' ,0' : 10#' $' :# 7'50''-+$#*2$' -'*-50#' $,0' 0!040-$%#8' 05*2%$' -' %2$+' >)LK' $' >PKK'+,%!!' 0E:20:$' 1,0#0' $,+0' %2$+' 0E:#0++!8' :# 9 7'50'$'$,0'2 -$#%#8';0'!'4'$05'$'$,0' :# 7'+' -''-' %:*;!'2' 0!040-$%#8' +2, !' 6' '-+$#*2$' -'.'70-'*-50#' $,0' #0.*!%$' -+' 6' $,0' ; %#5' 6' 05*2%$' -'$' $' +2, !%#+' 1, ' %$' $,0' 2! +0' 6' $,0' +2, !'80%#''1'!!' -' $';0' 4 #0'$,%-'+'E$00-'80%#+' 6' %.0' + 6',%$' $,0' ! 2%!' 05*2%$' -'%*$, #'$8' 4%8'1'$,'$,0' 2 -+0-$' 6'$,0';%#5' 6' 05*2%$' -' 0E$0-5'$,' $,+0' !'4'$+' -' $,0' 2%+0' 6' %-8'+*2,'+2, !'6' -'+*'$%;!0',',0# 02,'2%$' -'+' %7%'!%;!0' 1'$,'-' %' #0%+ -%;!0' 5'+$%-20' 6' $,0' +2, !' ,0' : 10# $' +*::!8' # %'5' $,0' +*::!8' 6' 05*2%$' -' $,0# $,%-' 0!040-$%#8''-2!*50+' %' : 10# $' $#%'-' $0%2,0#+' %-5' $' +*::!8' # %'5' $,0' +*::!8' 6' %-8' 05*2%$' -' 0E9 20:$' 1,0#0' $,%$' 05*2%$' -''+' .'70-'%$' % :*;!'2 0!040-$%#8' +2, !S' H %#$' 2!%*+0' NNF,0' %2$' 6' >PKN' 10-$' '-$' 0660 2$' %#' NO' >PKJ'%-5''-' *.*+$' 6' $,0' +%40'80%#' %'+'4'!%#%2$' 1%'':%++05'6 #' -5 -' 1,'2,',%5'- $';00-''-2!*505''-' $,0'.0-0#%!' 40%+*#0' -' $,0'-01'0#%' $,*+' :0-05' 0!040-$%#8' 05*2%$' -' 1,'!0'#0$%'-'-.'$+'+0:%#%$0''%'4+',%+';02 40'&'%#$' 6' %' 4 #0' 2 4:#0,0-+'70' +8+$04' ,'+' 2,%-.0' 1%+'6 #0+,%5 105';8' $,0' %2$' 6' >)PP' 2#0%$'-.'$,0' %#5' 6' 5*2%$' -< %-5' 1 *!5',%70';00-''4:++';!0''6' $,0'! 2%!' +2, !' ; %#5+'$,0' R' (';5'0+ S' $' U* $0' %:: '-*!%#' $0#4',%5'-$';00-' #0:!%205' ;8' $,0' 2 *-2'!+' 1,'2,' %#0'2,%#.05' 1'$,' $,0' 1, !0' #%-.0' 6' ! 2%!' %66%'#+',0' *-'$8' 6'! 2%!' %54'-'+$#%$' -',%+',1:070#''-$# 5*205' -01' 0!040-$+' 6' 5'+2 #5' ,0' :: +'$' -' $' $,0' %2$' 6' >PKN' # *+05';8' $,0' 70#$,# 1' 6' $,0' *#;%-'+2, !' ; %#5+' ;8' $,0

=#0+$#'2$' -+ * : - 4 * - '2' : %! %*$, #'$'0+ %-5 $,0 %: :# :#'%$' - 6 ! 2%! $%E0+ $ +02$%#'%- +2, !+ ,%+ -070# 20%+05 R %++'70 #0+'+$9 %-20 S $,0 #06*+%! 6 $,0 0!+, 2 * - 2'!+ $ 0-6 #20 $,0 %2$ $,0 2 0#2'70 40%+*#0+ 6 $,0 . 70#- 4 0 - $, %70 %!! ;02 40 4%$$0#+ 6 ,'+9 $ #8 $ '+ %54 '$$05 $,%$ $,0 :#0+0-$ +$%.0 6 $,0 +8+$04 '+ $04 : #%#8 -070#$,0!0++ '$ '+ % +$%.0 '- % : # .#0++'70 4 7040-$ 50$0#4'-05 ;8 $,#00 6 #20+ $,0 %#5 6 5*2%$' - $,0 ! 2%! %*$, #'$'0+ %-5 $,0 %57%-2'-.' '50%! 6 : * ;!'2 05*2%$' - !$, *. , +'4*!$%-0 *+ '- $,0'#%2$' - '$,0+0 %.0-2'0+ 4%8 '6 #2 -70-'0-20 ;0+0 : %#%$0!8 2 -+'50#05 %-5 6'#+$ 1 '$, #0.%#5 $ 0!040-$%#8 05*2%$' - %! -0 8 / 0(% / , 0 5'#02$'70 %-5 * -'68'- ' '-6!*0-20 6 $,0 20-$#%! ; %#5 '+ %22 4 :!'+,05 ;8 $,0 +0#7'20 6 '-+ : 02$' - ; &2 $,0 %--*%! 2 50+ ;8 #0: #$+ 6 +: 02'%! '-9 U*'#'0+ %-5 ;8 '-+$#*2$' -+ '++*05 6# 4 $'40 $ $'40 -+*;&02$+ 6 $'40!8 '-$0#0+$ # :#0++? '- ' '4 : #$%-20 , 0 1=, !0 +2,040 6 0!09 40-$%#8 05*2%$' - ,%+ ;00- #0%##%-.05 $,0 %--*%! .#%-$+ %#0 - 1 : %'5 -%8+8+$04 1 ,'2, 5'+$'- .*'+,0+ ;0$100- : *: '!+ - %- %.0 ;%+'+ $,0 %.0 6 6'70 80%#+ $,0 ! 10# !'4'$ 6 2 49 :*!+ #8 05*2%$' - ;0'- .' $%30- %+ $,0 !'-0 6 5'7'+' - ;0$100- '-6%-$ +2, !+ # 50:%#$9 40-$+ %-5 $, +0 6 # !50# +2, !%#+ '.,0# 0!040-$%#8 +2, !+ 4*+$;0 #.%-'G05 $.'70 % $,#00?80%# 2 *#+0 6 '-+$#*2$' - %: :# 705 ;8 $,0 %#5 6 5*2%$' - %-5 4*+$;0 +: 02'%!!8 0U*' : 05 6 # $,0 2 *#+0 54 '+9 +' -'$ +2, !+ 6 $,'+ .#%50 '+ !'4 '$05 $: *: '!+ 1, %#0 70# $10!70 80%#+ 6 %.0- %$ $,0 5%$0 6 %54 '++' - %-5 ,%70 ;00- 6 # %$!0%+$ $1 80%#+ *-50# '-+$#*2$' - '- % : *;!'2 0!040-$%#8 +2, ! , 0 -*4 ;0# 6 : *: '!+ ,%; '$*%!!8 $%*. ,$ '- % 2!%++ 4*+$ - $ 0E2005 6 #$8 %-5 $,0#0 4*+$;0 % $0%2,0# 6 # 070#8 2!%++ :

,0 4 +$ '4 : #$%-$ 40%+*#0+ %5 : $05 ;8 $,0 %#5 6 5*2%$' - 6 # $,0 '4 : # 7040-$ 6 0!040-$%#8 +2, !+ #0!%$0 $ $,0 $0%2,'-. +$%6 %-5 $,0 +2, ! : #04'+0+ ,0 -01 #0U*'#040-$+ ,%70 #05*205 $,0 R +$%6 7%!*0 S $,%$ '+ $,0 4%E'4*4 -*4 ;0# 6 +2, !%#+ $ -0 $0%2,0# 6 % +: 02'6'05 2!%++ ;8 %- %70#%.0 6 %; *$ NK :0# 20-$ %2, +2, ! +$%6 4*+$ '-2!*50 %$!0%+$ -0 20#$'6'2%$05 $0%2,0# 6 # 070#8 0'., $8 : *: '!+ - %70#%.0 %$$0-5%-20 %-5 - 2!%++ +, *!5 0E2005 +'E$8 #0.'+$0#05 : *: '!+ +# #0.%#5+ +2, ! : #04'+0+ 40%+*#0+ ,%70 ;00-I $%30- $ '-+*#0 $,%$ '- %!! -01 +2, !+ $,0#0 +,%!! ;0 - $!0++ $,%- $0 - +U*%#0 600$ 6 6! # +: %20 6 # 0%2, !50# 2,'!5 %-5 - -0 +U*%#0 600$ 6 # 0%2, '-6%-$ $ $,0 +%40 $'40 $,0 ; %#5 '-+: 02$ #+ 1'$, $,0 2 : 0#%$' - 6 $,0 ! 2%! %*$, #'$'0+ ,%70 4%50 % 2 4 : #0,0-+'70 #07'01 6 %!! 2%+0+ '- 1 ,'2, ! : #04'+0+ %#0 5060 2$'70 # *-+*'$%;!0 -5 1'$, $,'+ 3- 1!05.0 $,0 -020++%#8 2,%-.0+ 2%- ;0 '-9 +'+$05 *: - -070#8 2%+0 $,0 : !%-+ 6 # -01 +2, ! ;*'!5'-.+ %-5 6 # $,0 %!$0#%$' - # 0-!%#.040-$ 6 !5 ;*'!5'-.+ 4*+$;0 %: :# 705 ;8 $,0 50:%#$40-$ '- #50# $,%$ $,0 +2, !+ +, *!5 ;0 #02 .-'G05 6 # .#%-$+

3 % / , !0 $,0 $0-50-28 '+ $ '#%'+0 $,0 +$%-5%#5 '- #0+:02$ $ %!! $,0 2 -5'$' -+ #09 U*'#05 6 # $,0 . 70#-40-$.#%-$' $,0 ;%+'+ 6 %!! $40-$,%+ ;00-+'4:!'6'05 ,0 .#%-$+ 6 # 0!040-$%#8 +2, !+ %#0 %$:#0+0-$ %+ 6 !! 1+ , 0 %- -*%! 6 %!! 105 %$ $,0 #%$0 6 >J+ M5 6 # 0%2, *-'$ 6 %70#%.0 %$$0-5%-20 6 2, !5#0- *-50# 6'70 80%#+ 6 %.0 %$ $,0 #%$0 6 N>+ M5 6 # 0%2, *-'$ %; 70 $,%$ %.0 - 1,'2, $%30+ $,0 :!%20 6 $,0 +:02'%! .#%-$ 6 # 7 !*-$%#8 +2, !+ :# 7'505 ;8 $,0 %2$ 6 >)PL , '+ %'5 .#%-$ '+ %$ $,0 #%$0 6 M+ :0# :*:'! 1'$, %-'%55'$' -%! J5 '-'%#0%+ 1,0#0 $,0 :# 59 *2$ 6 $,0 +2, ! $%E '+ !0++ $,%-' % +:02'6'05 4'-'4*4 , 0 / H!%1 6 >)P>F (6 # %#0%+ ,%7'-.' +4%!! : :*!%9 $' -+ 3 / (02: (%#0 %!! 105 *: -' 20#$%'-' 2 -5'$' -+ :0#$%'-'-.' $ $,0 %.0 6 :*:'!+ $,0 -*4 ;0# '- %$$0-5%-20 %-5 $,0 0U*': 40-$ 6 $,0 +2, ! 6 # 066O2$'70 '-+$#*29 $' - ,0 +*;&02$+ 2!%++05 *-50# $,'+ ,0%5 %#0 2 30#8 !%*-5#8 1 #3 , *+01'60#8 2 49 ;'-05 5 40+$'2 +*;&02$+ 5%'#8 1 #3 ,%-5'9 2#%6$!'.,$ 1 51 #3 %-5 .%#50-'-.

2, !+ #.%-'G05 %+ ,'.,0# 0!040-$%#8 +2, !+ '- %55'$' - $, 0 %'5 .#%-$ %-5 $,0 600 .#%-$,%70 $,0 6 !! 1'-.' /

& ! % ' # ' ' 0 % ' # % # ' ' / ' , ' 6 % *' 3 ' + -

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'#+$?80%# 2 *#+0	JK+
02 -5?80%# 2 *#+0	MQ+
,'#5?80%# 2 *#+0	OK+
'*#$,?80%# 2 *#+0 H1,0-'+%-2$' -05F	OK+

70-'-.' +2, !+ 1,'2, ,%5 ;00- 10!! #9 .%-'G05 *-50# $,0 .#0%$ *#;%-' +2, ! ; %#5+ %#0 - 1 '-2!*505 *-50# +02 -5%#8 05*2%$' - " (8 % / 400$ $,0 0-!%#.05 '50%!+ 6 : :*!%# 05*2%$' - $,0 20-$#%! ; %#5 ,%+ 4%50 '4 : #$%-$ 2,%-.0+ '- '$+ 1- #.%-'G%$' - 4 -.' $,0+0 +, *!5 ;0 40-$' -05 6'#+$ $,0 0+$%;!'+, 40-$ 6 % 405'2%! 50 :%#$40-$?' $ %57'+0 %-5 %++'+$ $,0 ; %#5 '- 2%##8 -.' *$ $,0'# +$%$*$ #8 5*$'0+ '- $,'+ #0.%#5 '- 2%##8 -.' '7'-.' 5'#02$' - %+ $ $,0 6#09 U*0-28 %-5 40$, 5 6 405'2%! '-+:02$' - 4<% %6 %-5 '- 2 -+'50#'-.' %-5 +%-2$' -'-.' +*2, %#9 #%-.040-$+ %+ 4%8 ;0 :# +05 *-50# $,0 %2$;8 $,0 '-5'7'5*%! %*$, #'$'0+ 02 -5 $,0 2 -+*!$%$'70 2 44 '$$00 ,%+ ;00- '-2#0%+05 6# 4 0'.,$00- $ $10-$8? -0 404 ;0#+ 2%#0 ,%7'-.' ;00- $%30- $ 6'!! $,0 -01 :!%20+ %-5 $,0 7%2%-2'0+ 2%*05 ;8 #0+'.-%$' -+ 1'$, :0#+ -+ #0:#0+0-$'-.' 7%#' *+ %+:02$+ 6 05*2%9 $' - $, %$,%70 ,'$,0#$,%5 - 5'#02$ #0:#0+0-$%9 $' - '-$,0 2 44 '$$00

-%22 #5%-20 %!+ 1-$,$,0 50$0#4'-05 :*#9 : +0 6 $,0 0!+, 2 *-2'!+ %-5 :0 :!0 %+ 049 ; 5'05 '- $,0 ! +$;'!! 6 >PK0 H %#$ F $,0 ; %#5 0+$%;!'+, 05 '-$,0 6 !! 1'-.' 80%# %+:02'%! 50:%#$40-$ 6 # $,0 %54'-'+$#%$' - 6 05*2%$' - '- %!0+ * -50# $,0 2 -$# ! 6 % :0#4%-0-$

+02#0$%#8 %-5 % 2,'06 50:%#$40-$ '-+:02$ #
0%2, #0+: -+';!0 5'#02$!8 $ $,0 :#0+'50-$ 6
$,0 ; %#5 ,'+ %##%-.040-$ %::!'0+ !+ $
-4 *$,+,'#0 -.!%-5 1,'2,1%+ '-2!*505
'-$,0 :#07' *+ -$0#405'%$0 5*2%$' - 2$
6 # %!0+ - 2 -+0U*0-20 6 $,'+ 5'+$'-2$
%54'-'+$#%$' - $,0 0!+, +2, !+ %#0 - 1
$#0%$05 -%-''-50:0-50-$;%+'+
(0 / ,0 5'66'2*!$8 '- $,0
1%8 6 6 2*+'-.'%$$0-$' -' *: -' $,0 50$%'!+ 6
$,0 05*2%$' -%! 1 #3 %#'+0+ 6# 4 $,0 -*4;0#
6 ! 2%! %*$, #'$'0+ *: - 1,'2,',$,0 0E02*$' -
6$,0 05*2%$' -%2$ 50:0-5+'%-5 1,'2,'1'$,'-
$,0 !'4'$+ 6$,0 !%1',%70 !%#.0'-50:0-50-20'
,0+0 %*$, #'$'0+ -*4;0# %$:#0+0-$ JN)' -9
2!*5'-.'ON 2 *-$8 2 *-2'!+'LM 2 *-$8; # *.,+'
>JL %*$ - 4 *+ 4*-'2':%! ; # *.,+'QM *#;%-'
5'+$#'2$+'%-5'$,0 +!0+ 6 2'!!8 ,0 $#%-+60#
6 %*$, #'$8 6# 4 $,0 6 #40# +2, ! ; %#5+
$ $,0 2 *-$8 %-5 ; # *.,'2 *-2'!+'%-5 $,0
6 #4%$' -' 6 05*2%$' -'2 44'$$00+'%+ #0U*'#05
;8$,0%2$ 6 >PKN 10#0%22 4:!'+,05 1'$,'70#8
!'$$!0 50!%8 # 6#'2$' -'%-5 $,0 2 44'$$00+
.0-0#%!!8 0-$0#05 *: -' $,0'# 5*$'0+ 1'$,' .#0%$
0-0#.8 , 2,'06 %57%-$%.0 6 $,0 2,%-.0'
0!040-$%#8 +2, !+ %! -0 2 -+'50#05 %:0%#+
'-#*#%!' 5'+$#'2$+' ,0 :10# 6 .# *:'-.'
+2, !+ *-50# -0 ; 58 6 4%-%.0#+ %22 #505
$ $,0 ! 2%! %*$, #'$'0+ ,%+ #0+*!$05 '-+070#%!
2 *-$'0+ '-2-70#$'-.' '+ !%$05 +2, !+ '-$'
*-'$+ 6 % 2 *-$8 +8+$04 *#$,0# 1,0-'
#0.%#505 %+ :%#$+ 6$,0 2 *-$8+8+$04 '5'660#0-$
2!%++0+ 6 +2, !+ :# 7'505 --?:# 7'505
0!040-$%#8 %-5 ,'.,0# 0!040-$%#8 %#0 ;0$$0#
2 #5'-%$05 %-5 2%-4 #0 #0%5'!8 ;0 %5&*+$05
$! 2%! -005+ E:0#'0-20 ,%+ +,1- , 19
070#'$,%$ 1,'!0$,0 2 *-$8 '+ % 50+'#%;!0 %#0%
6 # +40 :*#: +0+ ! 2%! '-$0#0+$ '-' +2, !
4%$$0#+ ,%+ 502!'-05 ;8$,0+%2#'6'20 6 5'#02$
: :*!%# 0!02$'-6$,0 2 -$# !!'-.'%*$, #'$'0+
,0 :#07%'!'-.' :'-' -' -'$,'+ +*;&02$ 1%+
7 '205 '-' % #0+ !*$' -' *-%-'4 *+!8 %5 :$05
;8$,0 %$' -%! 5*2%$' -' ++ 2'%$' -' H -.9
!%-5F %+6 !! 1+ R ,%$'-'7'01 6$,0%23-1!9
05.05 -005'$ +02*#0 .#0%$0# ! 2%!'-$0#0+$ %-5
#0%! : :*!%# 2 -$# !'-' 05*2%$' -%! %66%'#+ 10
2 -+'50## $,%$ #06 #4+'-' $,0 +8+$04 6 ! 2%!
%54'-'+$#%$' -' %#0 *#.0-$!8 -00505 0+:02'%!!8
'-$,0 5'#02$' - 6 +02*#'-.' $,0 5'#02$: :*!%#
0!02$' - 6 ! 2%! %*$, #'$'0+ ,%7'-.' -!8 05*2%9
$' -%! 5*$'0+'$:0#6 #4 S $ 4%8 ;0 #02%!!05
,0#0 $,%$ $,0 5060%$05 ;'!! 6 >PKO :# 7'505
6 # #06 #4' -'$,'+ #0+:02$;8 % 2!%*+0 1,'2,'
#020'705 $,0 %++0-$ 6 ; $,' *+0+
,0 5'+$#';*$' - 6 :*:'!+ *-50# $,0 5'660#9
0-$ 2!%++0+ 6 ! 2%! %*$, #'$'0+ 6 # $,0 !%+$ 80%#
#0: #$05 1%+ %+ 6 !! 1+ *-$'0+ N MJP PKL
-5 -' LM) NON 2 *-$8; # *.,+'>)NK NMK
; # *.,+ 6 □□□' # 4 #0 '-,%;'$%-$+ %-5
*#;%-5'+$#'2$+ 6 >K KKK # 4 #0 > KOL QQP
,*+ '$ %:0%#+ $,%$ 6 $,0 $ $%!0-# !!40-$
7'G O KLQ PO) $,0#0 10#0 J OJO KO> :*:'!+ #
QP :0# 20-$''-*#;%-+2, !+
#' # $ $,0:%++%.0 6 $,0 %2$ 6 >PKN %#0%+
,%7'-.'-+2, !;%#5 5'5'-$!078 %#%$0 6 #
05*2%$' - H+2, !$%EF 8$,%$ %2$ $,0 #%$0
'+ *-'70#+%!'G05 $ '+ 0+$'4%$05 $,%$ 6 $,0
0-$'#0 #%$%;!0 7%!*0 6 -.!%-5 %-5 %!0+
a>)O QKK KKK 6*!!8 +'E$8 4'!!'-+ 10#0 $,*+
;# *.,$'6 # $,0 6'#+$ $'40 *-50# 2 4:*!+ #8
2 -$#';*$' - $ 1%#5 0!040-$%#8 05*2%$' -
,0 ! 2%!#%$0 #%-.0+ 6# 4 % 4'-'4*4 6 J5
'-$,0 :*-5$ % +,'!!'-.'%-5 *:1%#5+ ,0
%2$ 6 >PKN #0+$ #05 %!+ $,0 :#'-2':!0 6 :# 9
:#$' -'-.'$,0 .#%-$6 # +2, !+ $ $,0 %4 *-$
:# 7'505 ! 2%!!8
,0 '-50:0-50-20 6 ! 2%! %*$, #'$'0+ '+
'!!*+$#%$05 ;8$,0 #020-$ %2$' - 6$,0 -5 -
*-$8 *-2'! '-' 1'$,5#%1'-.'$,0 $10-$8?
$1 +2, !+ #02 .-'G05 %+ ,'.,0# 0!040-$%#8
6# 4$,0 .#%-$!'+$ 6$,%$.#%50 '-' #50# $,%$
$,08 4'..,$;0 :0#602$!8 6#00 $ 5070! :'$,0
+2, !+ %22 #5'-.'$ $,0'# ! 2%! 504%-5+ *-?
$#%'-40!05;8 66'2'%!#*!0+ E:0#'40-$+'-'7 9
2%$' -%! 05*2%$' -',%70 ;00-.;0.*-'-'+070#%!
6$,0+0 +2, !+'-20 ,'+2 *#+0 1%+ %5 :$05
,0 -*4;0# 6 ! 2%! %*$, #'$'0+ +003'-.'$,0
+%-2$' -6$,0 %#5 6 5*2%$' -'-'>PKP 6 #
:#7'5'-.'40%!+ $ +2, ! 2,'!5#0-'6# 4'$,0
#%$0+ 1%+ QO =,0 -*4;0# 6 %*$, #'$'0+
#0: #$'-.'405'2%!''-+:02$' - 66'20#+ 1%+ JKL
*$ 6$,0$ $%!6 JN) ,0+0 %#0%+'-2!*505
6 # -.!%-5 MQ 2 *-$'0+ '2 *-$8; # *.,+'
>JN 4*-'2':%!; # *.,+'MN *#;%-5'+$#'2$+
6 # %!0+ 2 *-$'0+ M 2 *-$8; # *.,+'M
4*-'2':%!; # *.,+'%-5 '*#;%-5'+$#'2$+
,0 57%-2'-.'!'2 5*2%$' -/
,0 1 #3 6$,0 ! 2%! 05*2%$' -'%*$, #'$'0+
,%+ ;00-'7%+$!8 '-2#0%+05 ;8$,0 0E$0-505
+2 :0 6$,0 +8+$04 ,0 +2, !%+$'2 0E$0-9
+' -+ :# 7'505 6 # ;8$,0 %2$ 6 >PKN 1'!! ;0
2 -+'50#05 :#0+0-$!8 4 #0 '-$'4%$0!8 #0!%$05
$ $,0 0!040-$%#8 +2, !+ '+$,0 +2%! 10!6%#0
1 #3 1,'2,'20-$0#+ '-$,04 # +003+ $,0'#
2 :0#%$' - 4 -.'4%-8 2%*+0+ 6 $,0
!%$$0# 5070! :40-$ - $ $,0 !0%+$ '+ $,0
$, # *.,'3-1!05.0 6$,0 2,'!5 : :*!%$' -'
%2U*'#05 #'.'-%!!8 ;8$,0 +2, ! ; %#5+ %-5
-020++%#'!8 4%'-$%'-05 ;8$,0 :#0+0-$ %*$, #'9
$'0+ 70-$,0 +8+$04 6 :%840-$?*: -?#2?
+*!$+ ,%5 $,'+$ 2 440-5 '$ $,%$ '$ 2%!!05
%$$0-$' - $ $,0 07'!+ 6 *-50#?005'-.' , 40
$ '! 2 -6*+' - %-5 4'+0#8 1,'2,' 6$0-' 4%50
'$ '4: ++';!0 6 # % 2,'!5' $ 400$ %-8 #0U*'#09
40-$ %#8'-.' 6 #4+ 6 %++'+$%-20 10#0
+$%#$05 *-50# $,0+0 2 -5'$' -+'6 # 1,'2,' !0.%!
:# 7'+' -,%+ #020-$!8 ;00-' 4%50 :!%2'-.'%
!%#.0 50.#00 6 #0+: -+';'!'$8 *: -' $,0 05*2%9
$' -'%*$, #'$'0+
8$,0 5*2%$' -' H # 7'+' -' 6 0%!+F 2$
6 >PKO $,0 2 *-2'!+ 10#0 %*$, #'G05 $ '-2*#
0E:0-+0+ %-5 %5 :$:!%-+6 # +*::!8'-.'40%!+
$ 2,'!5#0-'%$$0-5'-.':*;!'2 0!040-$%#8 +2, !+
H 00 & '%# '& # /',' # 5
,0 54'-'+$#%$'70 # 7'+' -+ 2$ 6 >PKL
%*$, #'G0+ ! 2%! 2 *-2'!+ $ 4%'-$%'-' R 6 #
2,'!5#0-' %$$0-5'-.'% :*;!'2 0!040-$%#8 +2, !'
7%2%$' -'+2, !+'7%2%$' -'2!%++0+':!%8 20-$0#+
$,0# 40%-+ 6 #02#0%$' -'5*#'-.'$,0'# , !'9
5%8+ # %$ +*2,' $,0# $'40+ %+ $,0 ! 2%! 05*2%?

$' -' %*$, #'$8' 4%8' :#0+2#';0' '-' $,0' +2, !' , *+0' #' '-' + 40' $,0# +*'$%;!0' :!%20' '-' $,0' 7'2'-'$8'+'6%# %+' $,0' ! 2%!' 05*2%$' -' %*$, #'$8' '-' $,0' 2%+0' 6' %' +2, !, *+0' #' :!%20' - $' ;09 ! -.'-.' $' $,04' 2%-' ;$%'-'6 #' $,0' :*#: +0' $,0' *+0' 6' $,0' +2, !, *+0' #' :!%20' ,0' !%1' %!+' 4%30+' '$' $,0' 5*$8' 6' $,0' ! 2%!' %*$, #'$'0+' \' $' :# 7'50' 6 #' $,0' 405'2%!' '-+:02$' -' 6' 2,'!5#0-' '4405'%$0!8' ;06 #0' #' %$' $,0' $'40' 6' #' %+' + -'%+' : ++';!0' %6$0#' $,0'#' %54'++' -' $' %' :*;!'2' 0!040-$%#8' +2, !' %-5' -' +*2,' $,0# 22%9 +' -' %+' $,0' %#5' 6' 5*2%$' -' 5'#02$ ' %-5' \' $' 4%30' +*2,' %###%-.040-$+' %+' 4%8' ;0' +%-2$' -05' ;8' $,0' %#5' 6' 5*2%$' -' 6 #' %$$0-5'-.' $' $,0' ,0%!$,' %-5' :,8+'2%!' 2 -5'$' -' 6' $,0' 2,'!5#0-' 05*2%$05' '-' :*;!'2' 0!040-$%#8' +2, !+' \' S

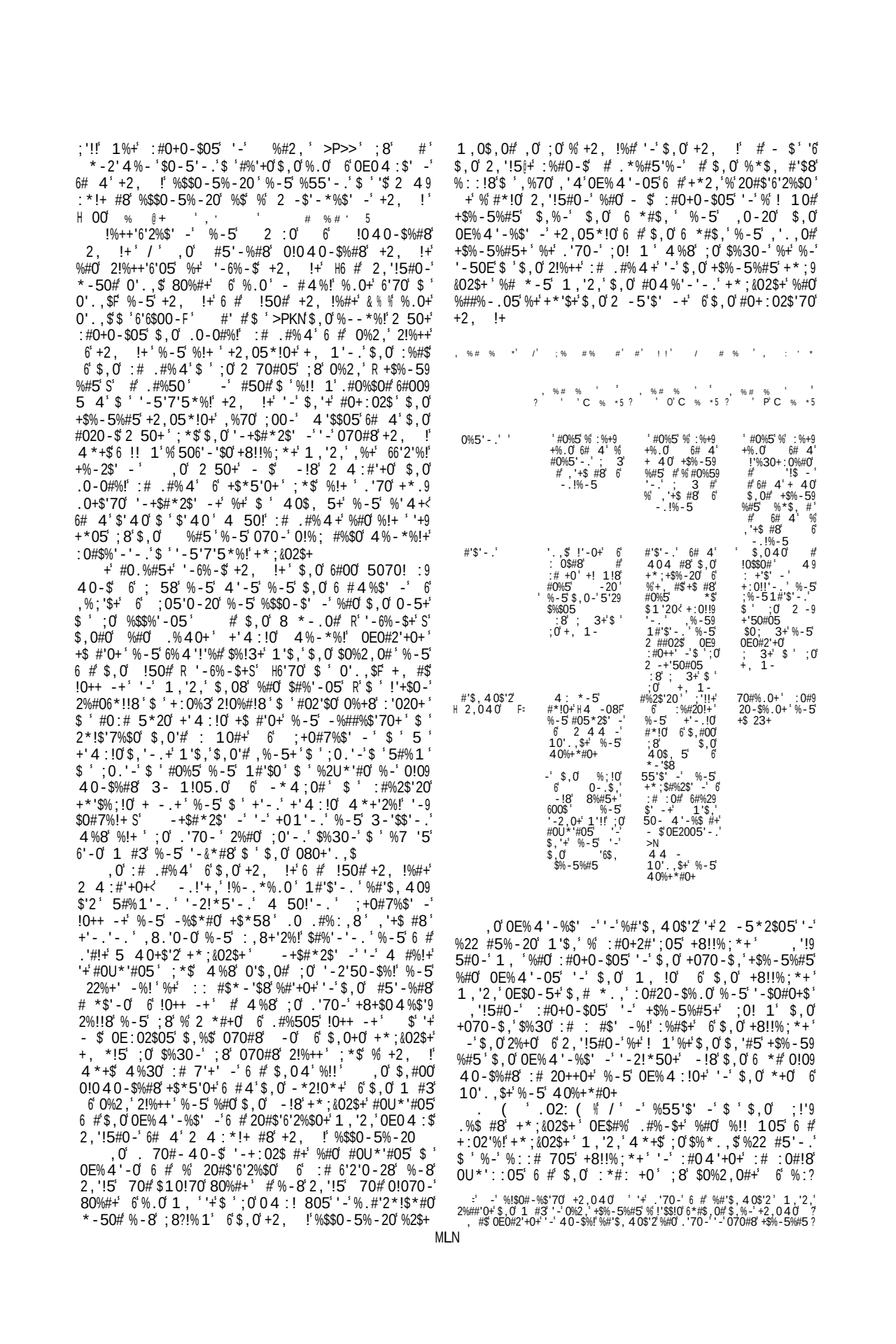
,0' ,'!5#0-' 2$' 6' >PK)' $, *.,' - $'+$#'2$!8' 05*2%$' -%!' '-2#0%+05' $,0' 5*$'0+' 6' $,0' ! 2%!' 05*2%$' -' %*$, #'$'0+' 0+:02'%!!8' %+' #0.%#5+' +2, !' %$$0-5%-20' %-5' 2,'!5#0-' #04%-505' $' %-'-5*+$#'%!' #06 #4%$ #8' #' $' % 5%8' '-5*+$#'%!' +2, !' #0' %-5' 4 #0' %!+' + 2'%!' 10!6%#0' 1 #3' $0-5+' $' 20-$0#' '-' $,0' +2, !+' 6$0#9 2%#0' 2 44'$$00+' %-5' &*70-'!0' 04:! 840-$;*#0%*+' %#0' '-' $,0' :# 20++' 6' ;02 4'-.' #0.*!%# %5&*-2$+' 6' $,0' 2'$8' +8+$04+' #0.*!%$05' ;8' !%1' %-5' 0-$%'!'-.' % 7%+$ %4 *-$' 6' 1 #3' %-5' 0E:0-+0' ,'+' 0E$0-+' -' %55+' .#0%$!8' $' $,0' 2*##0-$' 0E:0-5'$*#0+' 6 #' $,0' +2, !+';*$' #0%+9 *#8' .#%-$+' %#0' - $' -2#0%+05' :# : #$' -%$0!8' %-5' $,0' ;*#50-' 6%!!+' ,0%7'!8' *: -' $,0' ! 2%!' #%$0+' H 00' ' * % #' / ' +-' # * 0% #' %# ' ' #' / 5

,0' 2,'!5' 10!6%#0' 4 7040-$' '+' -+0:%#%;!0' 6# 4' $,0' .#0%$0+$' 05*2%$' -%!' :# ;!04' 6' $,0' :#0+0-$' $' 40' -%40!8' $,0' :# ;!04' 6' 2 -$'-*%9 $' -' 05*2%$' -' # $,0' 40%-+' 6' :# ! -.'-.' $,0' 05*2%$' -' 6' $,0' '-5*+$#'%!' 2!%++0+' ;08 -5' $,0' #5'-%#8' +2, !' :0#' 5' %-5' 6' #0-50#'-.' $,'+' 2 -$'-*05' $#%'-'-.' 7'$%!!8' 0660 2$'70' ,0' '49 : #$%-20' 6' $,'+' +*;&02$,%+' ;00-' #02 .-'G05' -' $,0' :%#$' 6' $,0' %#5' 6' 5*2%$' -' ;8' '$+' #060#0-20' $' $,0' 2 -+*!$%$'70' 2 44'$$00' 1, ' 4%50' %-' 0E,%*+$'70' '-70+$'.%$' -' 6' $,0' U*0+9 $' -' '-' %!!' '$+' ;0%#'-.+' ,0' ;*#50-' 6' $,0' 2 44'$$00!+' #0: #$' '+' $,0' '-2 4:!0$0-0++' 6' 0!040-$%#8' 05*2%$' -' %-5' $,0' R' $#%.'2' 1%+$0' S' 6' 0%#!8' :# 4'+0' C ,0' 1%+$0' '+' %$$#';*$05' !%#.0!8' $' $,0' !%23' 6' $#%'-'-.' 1,'2,' :#0:%#0+' %$' -20' 6 #*+06*!' '-5*+$#8' %-5' 6 #,%#4 -' *+' #0!%$' -' $' #.%-'G05' + 2'0$8' ,0' 2 44'$$00' 0+$' 4%$05' $,%$' $,0#0' 10#0' □□□ □□□' ;8+' %-5' .'#!+' '-' -.!%-5' %-5' %!0+' ;0$100-' $,0' %.0+' 6' 6 *#$00-' %-5' +070-$00-' 6' 1, 4' LQ' :0# 20-$ 10#0' #020'7'-.' -' 1003' 5%8+' %$' !0%+$' -' +2, !' 05*2%$' -' %-5' 1, ' 10#0' +:0-5'-.' $,0' $'40' '-' '5!0-0++' #' '-' 40#0' 4%30+,'6$' 04:! 840-$+' !$, *.,' 2 -7'-205' $,%$' $,0' $'40' ,%+' - $' 80$ 2 40' 1,0-' 2 4:*!+ #8' %$$0-5%-20' %$' 2 -$'-*9 %$' -' +2, !+' 2%-' ;0' 0-6 #205' $,# *., *$' $,0' 2 *-$#8' $,0' 2 44'$$00' 10#0' *-%-'4 *+' '-' $,0' :'-' -' $,%$' $,0' 0E$0-+' -' 6' $,0' :0#' 5' 6' 6 #4%!' $#%'-'-.' '+' 0++0-$'%!' 6 #' -%$' -%!' %+' 10!!' %+' 6 #' '-5'7'5*%!' 10!6%#0

00' 3 # * % ' ' % # 4 # # % #' , ' *4 o # # ' , ' *

,0' '44 05'%$0' *$2 40' 6' $,0' '-70+$'.%$' -' '+' %' 4 #0' '-$0!!'.0-$' 2 4:#0,0-+' -' 6' $,0' :# ;!04' 1'$, ' ,0#0' %-5' $,0#0' :#%2$'2%!' %$9 $04:$+' %$' '$+' + !*$' - ' +$' +'.-'6'2%-$' 6' $,0+0' %$$04:$+' %#0' $,0' 40%+*#0+' $%30-' ;8' .#0%$' '-5*+$#'%!' 6'#4+' $' '-5*20' $,0'#8 *-.'04:! 800+' $' 2 -$'-*0' $,0'# 05*2%$' -' 070#%!' '-9 +$%-20+' %#0' #0: #$05' 6' 6'#4+' $,%$' %!! 1' $'40' 6 #' $,0' :*#: +0' 1'$, *$' ! ++' 6' 1%.0+' %-5' 1'$, ' $,0' :# +:02$' 6' %57%-20' %-5' !%#.0# #04*-0#%9 $' -' ;8' #0%+ -' 6' '-2#0%+05' 2 4:0$0-28' H 00' # ' * ' %# ' ' % # 5' -' $,0'#' :%#$' $,0' 4*-'2':%!' 2 *-2'!+' %#0' 0-2 *#%.'-.' 2 -$'-*05' %$$0-5%-20' %$' 070-'-.' +2, !+' %-5' %$' $,0' ,'.,0# 0!040-$%#8' +2, !+' ;8' +2, !%#+,':' 6*-5+' 4%-8' 6' 1,'2,' '-' %55'$' -' $' 6#00' $*'$' -' .'70' 6'-%-2'%!' %'5' $' $,0' #02':'0-$

,0' 4 +$'4:#0++'70' 07'50-20' 6' $,0' %57%-20' '-' :*;!'2' :'-' -' %+' $' $,0' 7%!*0' 6' 05*2%$' -' '+' %66 #505' ;8' $,0' +$# -.' :: +'$' -' $' $,0' 2 -$'-*%-20' 6' $,0' ,%!6?$'40' +8+$04' ' 2, !' $$0-5%-20' '!!' 1%+' +;4'$$05' $' $,0' *+0' 6' 44 -+'-'>PK)' :# 7'5'-.' $,%$' $,0' 4'-'4*4' %.0' 6 #' 0E04:$' -' 6# 4' +2, !' %$$0-5%-20' +, *!5' ;0' $,'#$00-' 80%#+' ,0' #0!%$' -' 6' $,'+' 40%+*#0' $' $,0' .0-0#%!' 10!6%#0' 6' &*70-'!0' 1 #30#+' 1%+' 2!0%#!8' +, 1-' ;8' '$+' %*$, #' #5' $%-!08' 6' !50#!08' '-' ,'+' +:002,' 4 7'-.' $,0' +02 -5' #0%5'-.' 0' :'-$05' *$' $,%$' 1,'!0' $,0' 5*2%$' -' 2$' 6' >PKN' 04:10#05' ! 2%!' %*$, #'$'0+' $' 4%30' ;8?!%1+' .'7'-.' :%#$'%!' 0E04:$' -' 6# 4' +2, !' %$$0-5%-20' 6# 4' %8' $' 2$;0#' $' 2,'!5#0-' 04:! 805' '-' %.#'2*!$*#0' $,%$' :# 7'+' -' ,%5' - $' ;00-' $%30-' %57%-$%.0' 6' %$' %!!' 0%#!8' %!!' $,0' ,%!6?$'40' 04:! 840-$ '-' $,0' 2 *-$#8' 6' 2,'!5#0-' 70#' $10!70' 80%#+' 6' %.0' %22 #5'-.' $' #5' $%-!08' R' '+' '-' $,0' $0E$'!0' 5'+$#'2$+' S' %-5' *$+'50' $, +0' 5'+$#'2$+' R' $,0#0' '+' :#%2$'2%!!8' -' ,%!6?$'40' S' 70-' 1,0#0' '$' 0E'+$+' $,0' 6'.*#0+' +*:: #$' $,0' 7'01' R' $,%$' '$' '+' - $' % -020++%#8' 2 -5'$' -' 6' '-9 5*+$#8' 070-' '-' $,0' $0E$'!0' $#%50+' S' ,0' ;'!!' 1%+' - $' 2%##'05' $' +02 -5' #0%5'-.' ;*$' %-' '-9 $0#50:%#$40-$%!' 2 44'$$00' 1%+' %:' '-$05' $' '-U*'#0' '-$' %-5' #0: #$' *: -' $,0' 1, !0' +*;&02$ 6' 0E04:$' -' 6# 4' +2, !' %$$0-5%-20' $,0' 2 -5'$' -+' 6' 2,'!5' !%; #' %-5' $,0' :#%2$'2%!' 0660 2$+' 6' !0.'+!%$' -' #0+$#'2$'-.' $,0' 04:! 840-$ 6' 2,'!5#0-' -' 2 --02$' -' 1'$,' $,'+' ;'!!' $,0' %2$' -' 6' $,0' -'$05' 0E$'!0' #30#+' ++ 2'%9 $' -' '+' +'.-'6'2%-$' ,0' !0%50#+' 6' $,'+' %++ 9 2'%$' -' %++04;!05'-' 2 -60#0-20';8' %7 $0' 6' >)0' $' NL' %:: # 705' $,0' #%'+'-.' 6' $,0' %.0' 6' ,%!69 $'40' !%; # 6# 4' $10!70' $' $,'#$00-' 4%#+' ,'+' '+' % +$#'3'-.' 07'50-20' 6' $,0' 2,%-.0' $,%$' ,%+' $%30-' :!%20' '-' $,0' 4'-5+' 6' $,'+' 2!%++' 6' 1 #30#+' #' $,'#$8' 80%#+' $,08' ,%70' +$0%5'!8' :: +05' $,0' +$0:+' ;8' 1,'2,' $,0' %.0' 6 #' ,%!6?$'40' !%; #' ,%+' ;00-'#%'+05' 6# 4' 0'.,$' $' $10!70' 80%#+' ,0' 2 49 4'$$00' %; 70' #060##05' $' %.#005' '-' %-' *-U*%!'9 6'05' 2 -504-%$' -' 6' $,0' ,%!6?$'40' +8+$04' %-5' #02 440-505' '$+' +:0058' %; !'+,40-$' ,0' U*0+$' -' '+' -20' 4 #0' ;06 #0' %#!'%40-$' %-5' %



MLN

$100-' $,0' 0!040-$%#8' +2, !+' %-5' $,0' *-'70#9 +'$'0+' /' $,%$'+' +02 -5%#8' +2, !+' %-5' $02, -'2%!' +2, !+' /' 1'$,'-' $,0' :# 7'-20' 6' $,0' ! 2%!' 05*2%$' -' %*$, #'$'0+' 0'$,0# 6 #' %'5' %-5' +*:0#9 7'+' -' #' %+' 6%2$ #+' -' $,0' .0-0#%!' +2,040' 6' 2 9 #5'-%$' -' +' #0.%#5+' $02, -'2%!' +2, !+' %-5' 2!%++0+' $,0' #0!%$' -' ,%5' %!#0%58' ;00-' 0+$%;9 !'+,05' -' #0+:02$' $' +02 -5%#8' +2, !+' '$ 1%+' %' -01' 50:%#$*#0' 0-20' #060#0-20' 4*+$,0#0' ;0' 4%50' $' :#07' *+' 40%+*#0+' !0%5'-.' 5'#02$!8' $' $,'+' #0+*!$

,0' #'$'+,' 2, !+' -U*'#8' 44'++' -' %:' -$05' -' >)OL' 2!%++'6'05' $,0' +02 -5%#8' +2, !+' 6' -.!%-5' %+' 6'#+$' .#%50' #' +2, !+' 1,'2,'2 -$'-*0' $,0' 05*2%$' -' 6' +2, !%#+' *:' $' $,0'%.0' 6'0'.,$00-'80%#+' #' 4 #0' +02 -5'.#%50' +2, !+' 1,'2,' 2%##8' $,0' 05*2%$' -' *:' $' $,0' +'E$00-$,' 80%#' 6' %.0' $,'#5' .#%50' +2, !+'6 #' :*:'!+' 1, +0' 05*2%$' -' 0-5+' %$' %; *$'6 *#$00-' 80%#+' 6' %.0' ,'+' 2!%++'6'2%$' -',%+' 070#' +'-20' :#07%'!05' - $' %+' %'6 #4%!' +2,040' ;*$' %+' %-' *-50#!8'-.' :#'-2':!0' 2 ##0+: -5'-.'-'$,0' 4%'-' $' + 2'%!' 2 -5'$' -+

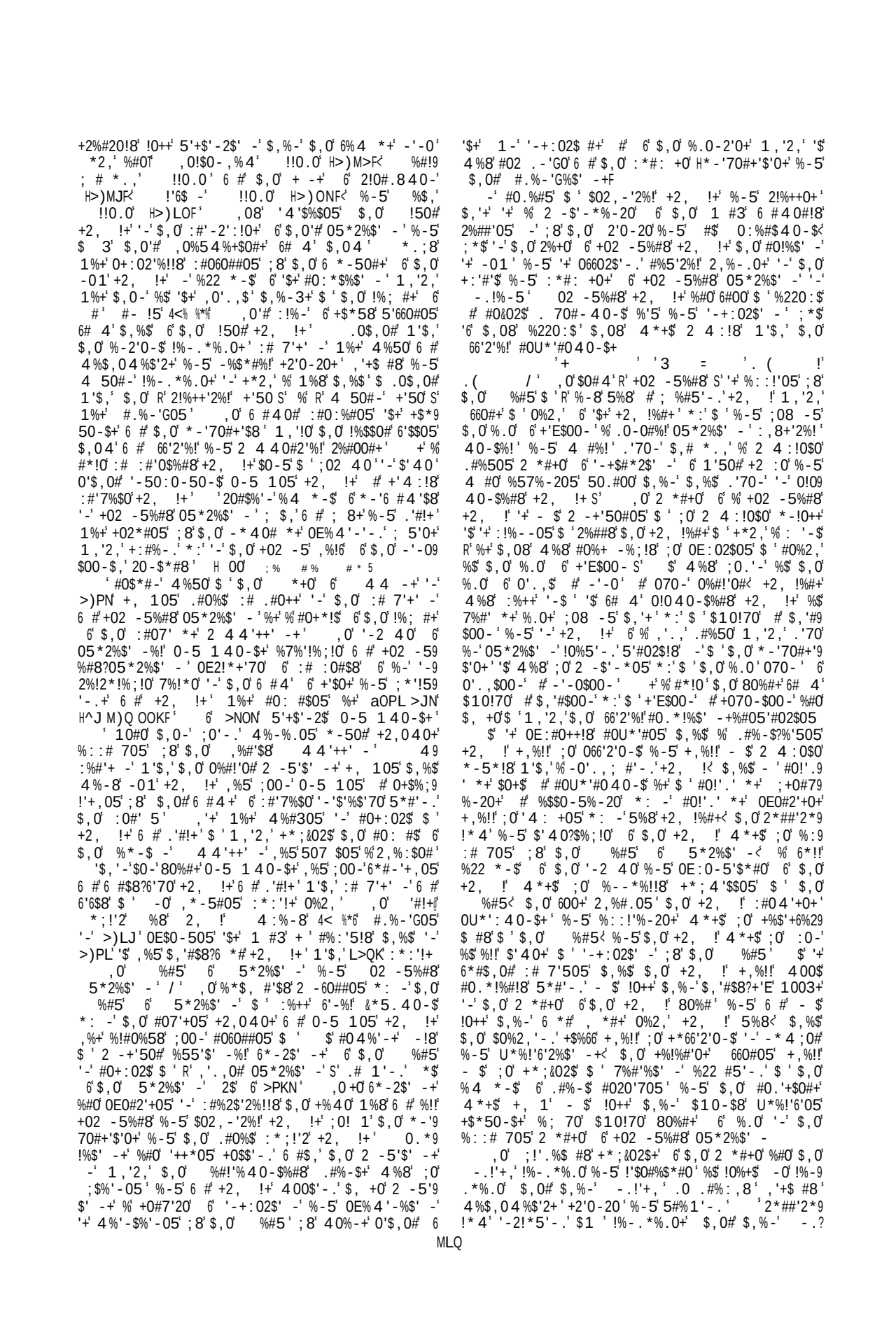
,0' 6'#+$?.#%50' +02 -5%#8' +2, !+' !'0' *$+'50' $,0' :%!0' 6' ! 2%!' 5'#02$' -' %!$, *.,' ;8' #0%+ -' 6' $,0'# #0!%$' -' $' $,0' +*:0#'7+ #8' 6*-2$' -+' 6' $,0' %#5' 6' 5*2%$' -'$,08'%#0' ;# *.,$'1'$,'-' $,0' #020-$' 4 7040-$' ,'+' 0E2!*+'70' 2!%++' 2 4:#'+0+'$,0'6%4 *+':*;!'2'+2, !+' 1,'2,' 10#0' $,0' +*;&02$' 6' +:02'%!' '-70+$'.%$' -' ;8' #5' !%#0-5 -[+' 44'++' -' 6' >)O>' ,08' '-9 2!*50'+070-'0-5 105' ; %#5'-.'+2, !+' -%40!8T' '-2,0+$0#' 6 *-505' '-' >J)N' $ -' >MMK' ,#01+;*#8' >QQN' 0+$4'-+$0#' >QOK' *.;8' >QOL' %## 1' >QL' %-5' ,%#$0#, *+0' >O>' %-5'$1' 0-5 105'5%8'+2, !+' 6'%!2%!'$8:0 /' $' %*!+' >QKP' %-5' 0#2,%-$ %8! #+' >QO>' ; $,'-' -5 -' -'#0+:02$'$' $,0'# :%$# -%.0' %-5' $,0'# '-6!*0-20' '-'6 #4'-.' $,0' 2,%#%2$0#' 6' $,0' !0%5'-.' 40-' 6' $,0' 3'-.5 4' $,0+0' +2, !+' %#0' &*+$!8' #0.%#505' %+' -%$' -%!' '-+$'$*$' -+' H 00' ! '' , ' *5' ,0' #0: #$' 6' #5' !%#0-5 -[+' 44'++' -' '++*05' '-' >)OM' !05' $' $,0' :%++%.0' 6' $,0' *;!'2' 2, !+' 2$' 6' >)O)' 50%!'-.' 1'$,' $,0' +070-' ; %#5'-.'+2, !+' -%405' %; 70' ,'+' %2$:# 7'505' 6 #' $,0' %:' -$40-$' ;8' $,0' +2, !+' 6' -01'. 70#-'-.' ; 5'0+' 1,'2,' 10#0' $' 4%30' -01' +$%$*$0+' %-5' #0.*!%$' -+' 6 #' $,0'# #0+:02$'70' '-+$'$*$' -+' +*;&02$' -!8' $' %:# 7%!';8' $,0' #'78' *-2'!' :%#$ 6# 4' $,0' #0U*'#05' #04 7%!' 6' 20#$%'-' -%## 1'-.' #0+$#'29 $' -+' %-5' $,0' %++0-$ 6' $,0' #'78' *-2'!' $' $,0'#+2,040+'$,0'-01'. 70#-'-.' ; 5'0+' 10#0'!06$' 1'$,' %6#00',%-5' $' $,%$' $'40' $,0+0' +2, !+' ,%5' %-' %..#0.%$0' %--*%!' '-2 40' 6' aOQ KKK' H>JNQ KKKF' %-5' 10#0' %$0-505' ;8' -0%#!8' JKKK' +$*50-$+' $,0' "!'$0 8 *$,' 6' $,0' 2 *-$#8

-' >)OM' $,0' #'$'+,' 2, !+' -U*'#8' 494'++' -' H*-50#' #5' %*-$ -F' 1%+' %:' -'-$05' $' '-U*'#0' '-$' $,0' 2 -5'$' -' 6' $,0' #040%'-'-.' 0-5 105'+2, !+')NK' '-'-*4;0#' 1,'2,',%5';00-' 0+$%;!'+,05' %$' 5'60#0-$' $'40' $,# *.,' $,0' ! -.' :0#' 5' 6' +070-' 20-$*#'0+' -2!*505' '-' $,0' +%40' '-U*'#8' 10#0' ' :# :#'0$%#8' +2, !+' # +2, !+' 4%'-$%'-05';8' +$ 23'2 4:%-'0+' 6' $,0 0-5 105' +2, !+' QLN' 10#0' #0.%#505' %+' +02 -59 %#8' ,08' -*4;0#05' %; *$' MK KKK' +$*50-$+' %-5',%5'%'-0$%..#0.%$0'%--*%!''-2 40' 6' a>)J?' KOO' H)P>Q JJJF' 1'$,' 0E,';'$' -+' 6' $,0' %--*%!' 7%!*0' 6' a>J)PL' H)OP M)QF' #'7%$0' +2, !+' + 40$'40+' $0#405' :#'7%$0' %570-$*#0' +2, !+' 10#0' %!+' '-2!*505' '-' $,'+' '-70+$'.%$' -

4'$,0'#0: #$' 6' $,0' #'$'+,' 2, !+' -U*'#8' 44'++' -' '$' 1%+' 07'50-$' $,%$' $,0' 2 *-$#8' 1%+' %!%#4'-.!8' 506'2'0-$' '-' +02 -5%#8' +2, !+' 6 #' $,0' 4'55!0'%-5'!%; #'-.'2!%++0+' ,0#0' 10#0' %$' !0%+$ % ,*-5#05' $ 1-+' 1'$,'% : :*!%$' -' 6' QKKK' # 4 #0' $,%$,%5' -' 0-5 105' .#%44%#' +2, !' -5 -' 1, +0' : :*!%$' -' %$'$,0'$'40' 1%+' -0%#!8' J KKK KKK' ,%5' -!8' $10-$8?+'E' 0-9 5 105' +2, !+' 1'$,' !0+' $,%-' JKKK' :*:'!+' #0' $,%-' ,%!6' $,0' : :*!%$' -' 6' $,0' 2'$8' H> LNO P)PF' 10#0'50+$'$*$0' 6'%-8'0-5 140-$'6 #' +02 -5%#8'05*2%$' -' $' -!8' 1%+' $,0' +*::!8' 6' :*;!'2' +02 -5%#8' +2, !+' 6%#' ;0! 1' $,0' 509 4%-5' ;*$ $, +0' $,%$ 0E'+$05' 10#0' 6$0-' ;%5!8' 4%-%.05' $,0'# #0+ *#20+' 1%+$05' %-5' $,0'# '-9 6!*0-20' 40%.0#' -' :%#$'2*!%#' $,0' 2 44'+9 +' -0#+' - $05' $,0' 50%#$,' 6' 5%8' +2, !+' ,0' #0: #$' 6' $,'+' 2 44'++' -' !05' '-' >)OP' $' $,0' :%++%.0' 6' $,0' -5 105' 2, !+' 2$' 4<% %'6 1,'2,',%+',%5' '4: #$%-$' #0+*!$+' '-' #0+:02$' $' $,0' :%#$'2*!%#' +2, !+' %%02$05' $' 04; 5'05', 1070#' -!8' %'+'-.!0' -0' 6' $,0'#02 440-5%9 $' -+' 6' $,0' 44'++' -' -%40!8' $,%$' 2%!!'-.' 6 #' % 20-$#%!' %*$, #'$8' $' 5#%6$' -01' +2,040+' 6 #' $,0' %54'-'+$#%$' -' 6' $,0' 0-5 140-$+' ,'+' 5*$8' 1%+' '-$#*+$05' %$' 6'#+$' $' $,#00'+:02'%!' 2 44'++' -0#+<' '-' >)LM' '$' 1%+' $#%-+60##05' $' $,0' ,%#'$8' 44'++' -' H2 -+$'$*$05'*-50# !%1' 6' >)QJF' %-5' 6'-%!!8' '-' >)PP' $' $' $,0' -01!8' 2 -+$'$*$05' %#5' 6' 5*2%$' -

+070#%!' 20-$*#'0+' $,0' 0E:#0++' -' R -%$' -%!' 05*2%$' -S'%::!'05' '-' -.!%-5' $' $,0' 5'+2':!'-0' %-5' 2*!$*#0' 6' $,0' .#0%$' :*;!'2' +2, !+'# *-505' *$'%-5' 2 4:!0$05' ;8' E6 #5' %-5' %4;#'5.0' ,0' 0-5 105'.#%44%#+2, !+'6 !! 105' $,0'+%40' 2!%++'2%!' 2 *#+0'%-5'+0-$'$,0'#U* $%' 6'+$*50-$+' $' $,0' *-'70#+'$'0+' *$'%-01'0#%1%+' *+,0#05' '-' ;8' $,0' 06 #4' '!!' 6' >)JN' ,0' 2 440#2%!' %-5'-5*+$#'%!' 2!%++0+'# +0' $:10#'%-5' 6 #' $,0' 2,%-.05' 504%-5+' 6' :*;!'2'!'60'%-01' #50#' 6' $#%'-'-.' %-5' +2, !+' !0++' 0E2!*+'70' %-5' !0++' 0E:0-+'70' $,%-' $,0' !5' 0-5 105' +2, !+' 10#0' #0U*'#05' '-.[+' !!0.0' 2, !' :0-05' '-' >)NP' %-5' -'70#+'$8' !!0.0' 2, !' >)JJ' ;$,'-' -5 -' 10#0' 4 50#-' '-' $,0'# :*#: +0+' %-5'$,'+1%+'+$'!!' 4 #0' :# - *-205''-'$,0'2%+0' 6' $,0' '$8' 6' -5 -' 2, !'2#0%$05';8' 2$' 6' %#!'%40-$'-' >)MJ' *:' -' $,0' ;%+'+' 6' %' ;0U*0+$' 4%50' 6 *# 20-$*#'0+' 0%#!'0# H>MMNF

,0' 4 7040-$' $,*+' ;0.*-' +:#0%5' #%:'5!8' $' %!' $,0' :*! *+' 20-$0#+' 6' -.!%-5' $ 23' 2 4:%-'0+' 10#0' 6 #405' '-' + 40' '-+$%-20+' 6 #' $,0' 4%'-$0-%-20' 6'+2, !+' %-5' '-' $,0# 2%+0+' %' 2 #:#%$0' +8+$04' 1%+' %5 :$05' 1,0#0;8' %-8' -0' 2 *!5':*#2,%+0' $,0'#'.,$'6 #' % 20#$%'-'+*4' $' +0-5' %' ; 8' $' $,0' +2, !' '-' U*0+$' -' %$' (' #05*205'#%$0' 4 -.'$,0+0':# :#'0$%#8'+2, !+' %+' $,08' %#0' 2%!!05' +070#%!' 2%-' ;0' -%405' 6



MLQ

- 4'2+'%-5' 4*+'2F' ,0' *-'70#+'$8' 4%'-$%'-+' '-$'4%$0'#0!%$' -+' 1'$,'$,0' 4*-'2':%!' +8+$04' 6' :*;!'2'05*2%$' -'$,# *.,'$,0'2*-2'!'+2, !%#+,':' +2,040' 1,'2,' :# 7'50+' $,0' 40%-+' 1,0#0;8' :# 4'+'-.':*:'!+' 4%8'#'+0'6# 4'$,0'0!040-$%#8' +2, !'$'$,0'6*!!' :#'7'!0.0+' 6'$,0',.,0# 05*2%9 $' -' 8'7'#$*0' 6'%-'%--*%!'+*;+'58'6# 4'$,0' 2*-2'!'$,0'!%$$0#,%+'$,0'#'.,$'$'- 4'-%$0'% 20#$%'-'-*4;0# 6'+$*50-$+'$'$,0'2 -+$'$*0-$ 2!!0.0+' 6'$,0'*-'70#+'$8 ,0'4 +$''4:#0++'70'6%2$'-'$,0'#020-$',+9 $ #8' 6',.,0#05*2%$' -'+'$,0'#'+0' 6'*-'70#+'$8' 2!!0.0+''-'$,0'.#0%$' 4%-*6%2$*#'-.'20-$0#+' ,08'%#0'$,0'*$2 40''-':%#$' 6':#'7%$0';0-09 6%2$'-+'%-5''-':%#$' 6'4*-'2':%!'0-$0#:#'+0' %-5'$,0'#5070!:40-$',%+';00-'+$'4*!%$05';8' %#!'%40-$%#8'.#%-$+'%--*%!!8'%!!105'+'-20' >))P' 8'$,0'6050#%$' -'6'$,0'-01'2!!0.0+' 1'$,'!50#!2%!'-+$'$*$'-+'+2'0-$'6'2%-5'$02,9 -'2%!'4*+0*4+'!';#%#'0+'0$2'-'!0++'$,%-'+'E *-'70#+'$'0+',%70';00-'2#0%$05'0%2,',%7'-.'$+' 5'+$'-2$+:,0#0'6'-6!*0-20',+0'%#0'#4'-.9 ,%4'#'+$!'005+''70#:!'%-2,0+$0#' -5-',066'0!5<'-'%55'$'-'$,0+0'%#0'$,0' *-'70#+'$8'2!!0.0+'6'012%+$!0'H#4+$#-.' !!0.0F'$$'-.,%4'0%5'-.'*$,%4:$-' H%+$!08'!!0.0F',0+0'#0.'-%!'*-'70#+'$'0+' %#0'%!'0++0-$'%!!8'4 50#-''-'+:'#'$%-5':*#9 :+0'<$,08'660#$,0'#6%2'!'$'0+'-'!';0#%!' $0#4+'%!'30'$'40-'%-5'1 40-'%-5'400$',0' 1%-$+'6'$,0'%#$'+%-'2!%++0+';8'$,0'#%4:!0':#9 7'+'-'6#070-'-.''-+$#*2$'-',08'%#0'%+'% #*!0'%54'#%;!8'0U*':05'6#$02,-'2%!'+:02'%!9 $'0+'%-5'$,08',%70'6#4'$,0'6'#+$'4%50'*-9 0U*%!05':#7'+'-'6#$,0'$#%'-'-.'6'$0%2,0#+' '-';$,'$,0'$,0#8'%-5'%#$'6'$,0'#:#60++'-' ,'!0'+2'0-20'%-5'$02,-!.8'10#0'$,0'+*;&02$+' 6'$,0'0%#!'0+$'-$0#0+$'1'$,'$,0+0'-+$'$*$'-+' $,08'-2!*50'-'$,0'#2*##'2*!%'%6%'#:#:#$'-' 6'2!%++'2%!'+$*5'0+'%-5'$,*+'+0#70'$'*-'$0'+2, 9 !%+$'2'$#%5'$'-+'1'$,'4 50#-''-$0#0+$+ ,0'#0%!'G%$'-'-'$,0':%#$'6'$,0+0'4 50#-' *-'70#+'$'0+'i6'$,0'#R'&'-$'#0+:-+';'!'$8'$' $,0'-%$'-%!'!'60S'+'-'5'2%$05';8'$,0'+$0:+'$,08' ,%70'$%30-'6#$,0'2 44-'#02.-'$'-'6' $,0'#7%#'*+'4%$#'2*!%$'-'0E%4'-%$'-+' ,0' -#$,0#-'*-'70#+'$'0+'6'%-2,0+$0#'70#:!' 005+'%-5',066'0!5'&<<%%',%70'*-50#$,0'# 2,%#$0#+'0+$%;!'+,05'%&'-$';%#5'1,'2,'2-9 5*2$+'%+'-.!0'0E%4'-%$'-'6%!!'2%-5'5%$0+'6# %54'++'-'$'%-8'-0'6'$,0'6*#'%-5'+003+'$' 6*#$,0#$,0'4 7040-$'R'6#%#0.*!%#'-$0#9 2,%-.0'6'7'01+'%-5'6#$,0';0$$0#'#.%-'G%$'-' 6'6%2'!'$'0+'6#%57%-205'+$*58',$,#*.,*$'$,0' 4:'#0S'H00';!0'':'M KF ,0'4:#$%-20'6'$,0'*-'70#+'$'0+''-'$,0' '-2#0%+'-.'+2:0'6':*;!'2'05*2%$'-'%-5'6'-%9 $'-%!'#0+:-+';'!'$8'-'$,0'4%$$0#'+'+#02.-'G05' ;8'$,0'#020-$'0+$%;!'+,40-$'6'$,0'-'70#+'$'0+' #%-2,'6'$,0'%#5'6'5*2%$'-'-'#0+:02$ $'$,'+'+:02'%!'5'7'+'-''$''+'66'2'%!!8'+$%$05' R'$,%$'$,0'$02,-!.'2%!'%-5':#60++'-%!'-9 +$#*2$'-'H'-2!*5'-.'$,0'$#%'-'-.'6'$0%2,0#+'6# 0!040-$%#8'%-5'+02-5%#8'+2, !+F'.'70-'-';8' $,0'*-'70#+'$'0+'%-5'%'505';8'.#%-$+'6# 4'$,0 %#5'2*!5'-$';0':#0!8'50%!$'1'$,'%+':%#$ 6'$,0'#5'-%#8'%54'-'+$#%$'-'6'$,0'%#5'%+' %:!'05'$'-+$'$*$'-+'1,'2,',70'!0++'%*$9 -48'#0+:-+';'!'$8'%-5':#0+$'.0'$,%-'$,0'*-'9 70#+'$'0+',0'*-'70#+'$'0+'-005'$,0'.#0%$0+$' :++';!0'50.#00'6'6#005 4''-'#.%-'G'-.'%-5' 2%##8'-.'*$'$,0'#'4:#$%-$'-%$'-%!'%-5''-$0#9 -%$'-%!'6*-2$'-+'S'-'%22 #5%-20'1'$,'$,0+0' 2-7'2$'-+',0'-01'5'7'+'-'1%+'#.%-'G05' H:#'!'>P>KF'1'$,'#'''0%$,''#02$#'6' :02'%!'-U*'#'0+'%-5'0:#$+'%+'$,0'#0+:-+';!07 2,'06 8''$+'+2,040+'6'+2, !%#+,':'$,0'%#5'6' 5*2%$'-'4%'-$%'-+'%!+''%-':0-'#%5'6#4' $,0'$02,-'2%!'%-5'%#$'+2, !+'$''$,0'4:0#'%! !!0.0'6'2'0-20',+'-+$'$*$'-'+'%.#*:' 6'%++2'%$05'2!!0.0+'24:#'+'-.'%4-.'$,0#+' $,0'%$'-%!'2, !'6'-0+'%-5'#4%!' 2, !'6'2'0-20'H*$,'0-+'-.$-F'%-5'$,0' '$8'%-5'*'!5+'-+$'$*$0',0'4:0#'%!'2!9 !0.0'1%+'-2#:#%$05';8'8%!',%#$0#'-' >PKL'%-5'1%+'%54'$$05'%+'%+2, !'6'-5-' -'70#+'$8'-'>PK)';*$'$+'-%$'-%!'2,%#%2$0#'+' :#0+0#705';8'$,0'%54'-'+$#%$'-'6'$,0'.70#-9 40-$'+2, !%#+,':+'1,'2,'5#%1'$'$,'+'20-$0# +0!02$'+$*50-$+'6#4'070#8':%#$'6'$,0'3'-.54' ,0'%#5',%+'#020-$!8'0+$%;!'+,05'+:02'%!' +2, !%#,':+'6#$0%2,0#+'6'+2'0-20'%-5'$02,9 -!.8'1,'%#0'U*%!'6'05'$'0-$0#-'$,0'$,'#5'# 6*#$,'80%#'6'$,0'2*#+0':#7'505'%$'$,0'49 :0#'%!!!0.0',*+'$,'+'20-$#%!'-+$'$*$'-' 1'!!'6*#-'+,'+$%-5%#5+'%-5'40$,5+'6#$,0' $0%2,'-.'6'$,0+0'+:02'%!'+*;&02$+'$,#*., *$' $,0'3'-.54 $%$'+$'2%!'*44%#'0+/',06!!1'-.'$%;!0+' +,1'$,0'+2:0'6'$,0'0E:%-505'+8+$04'6' :*;!'2'05*2%$'-'%+':#0+0-$05''-'$,0'!%$0+$' 66'2'%!'#0:#$'/

+%! ''F',*'%#'*'#''$%''G +3 'F'#%#'%#''(%*

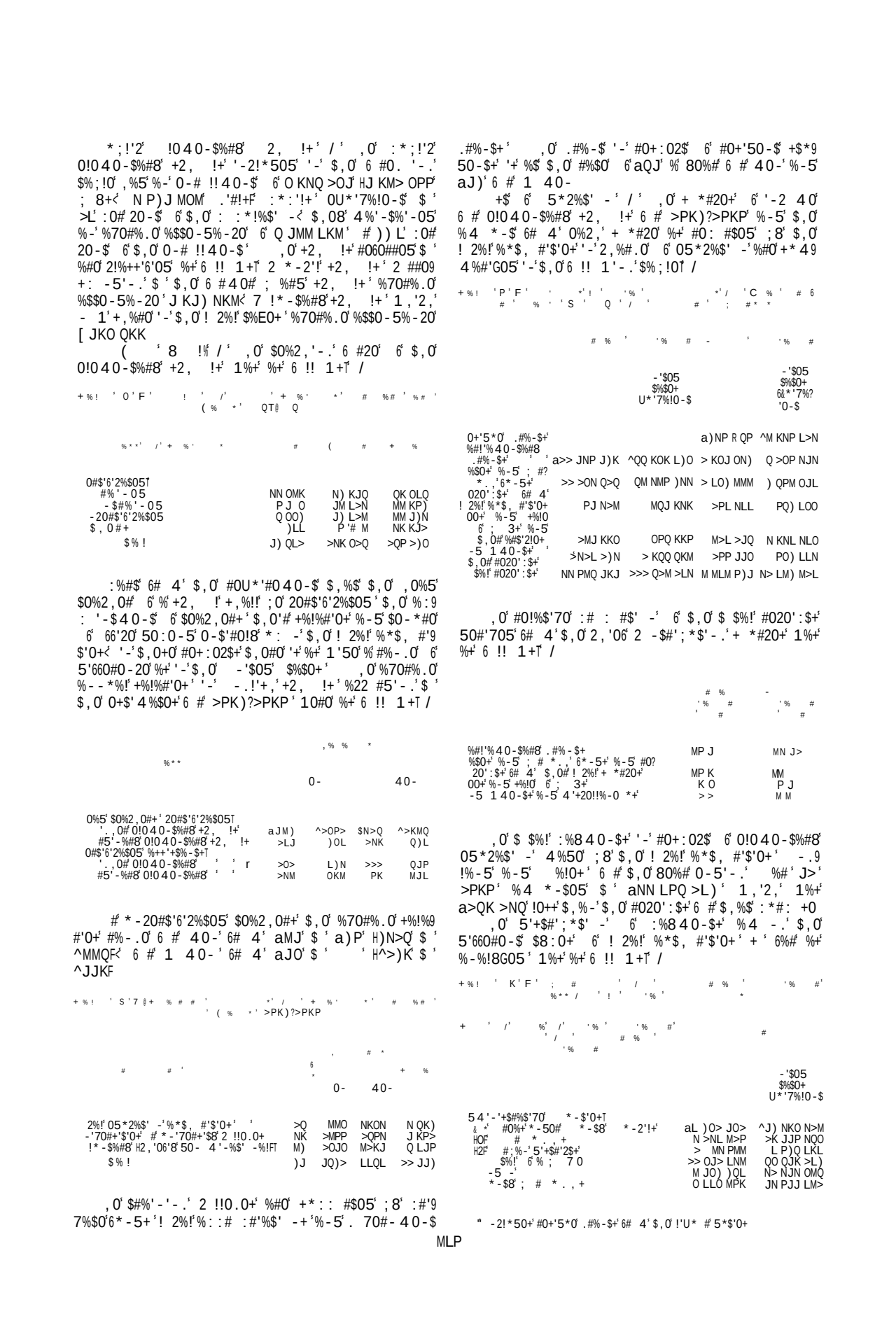
>PKL?) >PK)?P

%**'/',*

2, !+	-# !!9 40-$	2, !+	-# !!9 40-$

!040-$%#8'05*2%$'-' *;!'2'0!040-$%#8 +2, !+ NK ON> Q P)M >JK NK OPP O KNQ >OJ
0#$'6'05'06!6'2'0-$ +2, !+ LQ M P)) LL Q >QJ
:02'%!'+2, !+'/ #$,0'40-$%!!8'# :,8+'2%!!8'50602$'70 >PK >J NML N>Q >M O)N
#$,0'50%6'' ML J MN> M) J MO)
#$,0';!'-5' JP >OMN JP >OQP
#0:'!0:$'2+' Q N>O Q b NOQ
#%1'+2, !+' OO >Q MLK OO >Q MLK
',0#0!040-$%#8 +2, !+' J)) L>) MM P LNK
',0#05*2%$'-' 70-'-'+2, !+'0$2 6#6*#$,0#05*2%$'- O)LM LQ> OKK L >QJ LQN JQO
02-5%#8'+2, !+')MK)>L>P P>N >M) LPM
#%'-'-.'2!!0.0+' LP >K MPN)J >> JLN
02,-'2%!''-+$'$*$'-' 02,-'2%!''-+$'$*$'-+ JL N)OJ MN J MKK
%8'$02,-'2%!'2!%++0+' PL P KNP >KJ >K NLL
2, !+'6'%#$' NNQ M> LNJ NNQ MN >>N
#$'2!%++0+' MK N MPJ MO J KOK
$%! NP NLJ O PJ>LQ> NP LQL L KMO PK>

ML)



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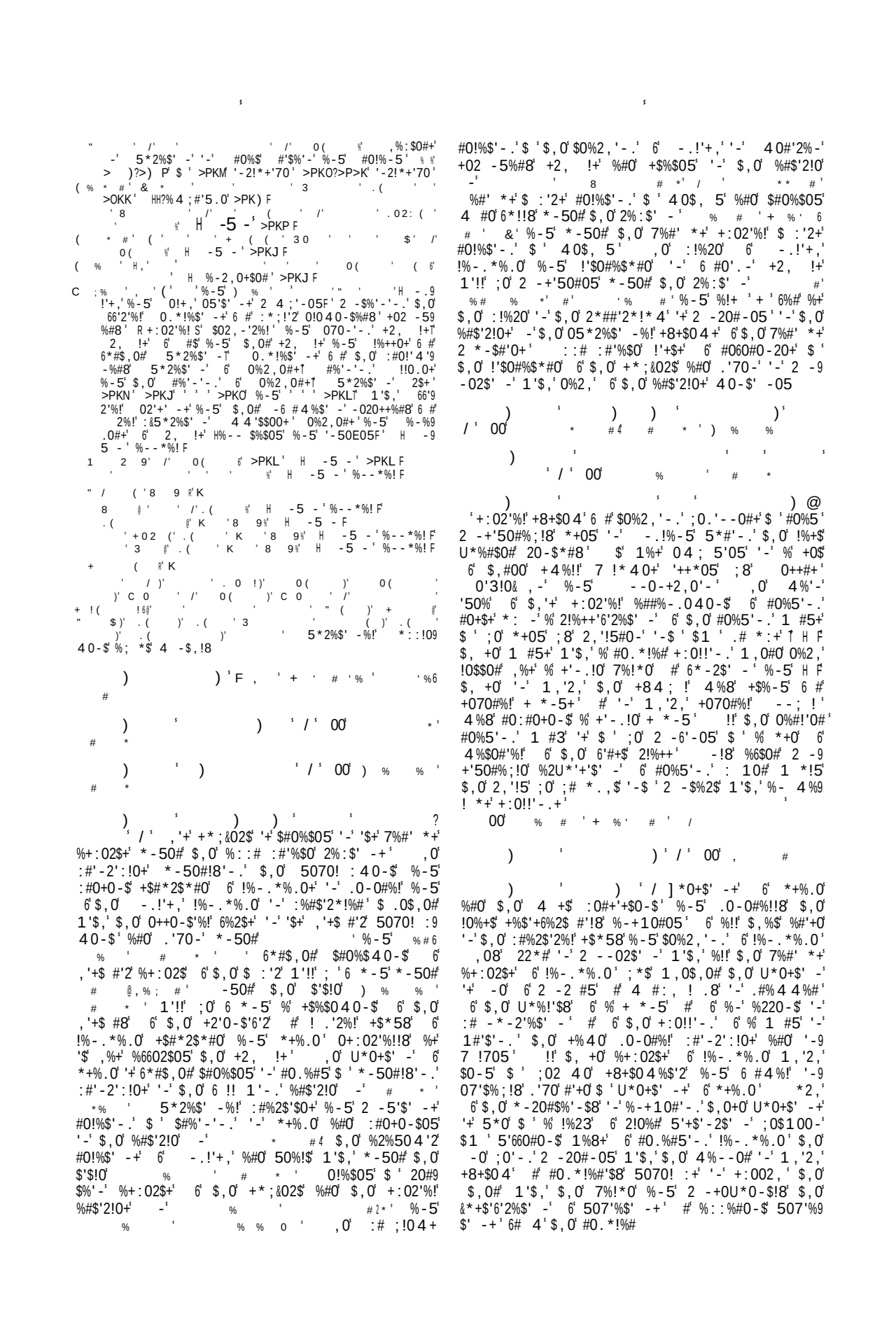
$' '+' %+'.-'6'2%-$' 6%2$' $,%$' 1,'!0' $,0' ;'!!' 6' >PKO' #06*+05' $ ' #02 .-'G0' 2,*#2,' +2, !+' '$' 4%50' %4 :!0' :# 7'+' -' 6 # #0!'.' *+' '-+$#*2$' -' '-' $,0' +2, !+' %-5' 070-' 6 # +02$%#'%-' $0%2,'-.' *-50# 5*0' +%60.*%#5+' ,0' 50;%$0' 70# $,0' 40%+*#0' :# 705' $,%$' -.!%-5' 1%+' - $' :#0:%#05' %$' $,%$' $'40' 6 # %' +8+$0 4' 6' 05*2%$' -' :*#0!8' +02*!%#' ;*$' %$' $,0' +%40' $'40' $,0' ::+'$' -' $ ' . 70#-40-$' +*::#$' 6 # 50- 4'-%$' -%!' $0%2,9 '-.' 1%+' '-$0+0' ' 6%# %+': ++';!0' $,0' 1'!!' 6' $,0' 44 -+' '-' $,'+' #0+:02$' ,%+' ;00-' 2%##'05' *$' ;8' +*;+0U*0-$' #0.*!%$' -+' 6' $,0' %#5' 6' 5*2%$' -' ,08' ,%70' :0-05' +02 -5%#8' +2, !+' $ ' %+:'#'-.'+$*50-$+' '##0+:02$'70' 6' $,0'# #0!'.' *+' $0-0$+' %-5' $,08' ,%70' #0U*'#05' $,%$' '-' 070#8' $#%'-'-.' 2 !!0.0' %$' !0%+$' ,%!6' $,0' -*4;0# 6' 7%2%-$' :!%20+' '-' 0%2,' 80%#' +,%!' ;0' 6'!!05' *-50# $,0' +%40' 2 -5'$' -+' ,0' #0+*!$' '+' $,%$' '-' %59 5'$' -' $ ' $,0' LKKK' :!%20+' '-' *-50- 4'-%$' -%!' 2 !!0.0+',%!6' 6' $,0' QKKK' :!%20+' '-' 50- 4'-%$' -%!' 2 !!0.0+' %#0' %$' :#0+0-$' 6#00' 6# 4' #0!'.' *+' $0+$+' ,0+0' :# 7'+' -+' '!!*+$#%$0' $,0' +:'#'$' 6' 2 49 :# 4'+0' 1,'2,',%+' 4%#305' $,0' .#%5*%!' :# .#0++' 6' :*!%#. 70#-40-$' '-' -.!%-5' 070# ;06 #0' '-' $,%$' !-.',+$ #8' 10#0' $,0' 504 2#%$'2' 6 #20+'+'+$# -.'%-5'+' 10!!' #.%-'G05' %+' %$' $,0' :#0+0-$' $'40<' $,0' 5*2%$' -' '!!' 6' >PKO' 049 ; 5'05' $,0'# 4%-5%$0' 1'$,' #0+:02$' $ ' :*;!'2' 05*2%$' -' + 6$0-05' ;8' #0.%#5' 6 # %!!' $,0' :#09 2' *+'-,0#'$%-20' 6# 4' $,0' :%+$' -' $,'+' :%#$'29 *!%#' $,0' %*$, # 6' $,0' ;'!!' $' -' *.*+$'-0' '##0!!' %$' $,%$' $'40' #0+'50-$' 6' $,0' %#5' 6' 5*2%$' -' 1%+' 4 #0' 2 -+0#7%$'70' $,%-' $,0' :%#$8' 1,'2,' ,0' #0:#0+0-$05' ,0' *-+10#79 '-.' %5,0#0-20' 6' $,%$' :%#$8' $ ' $,0' :#'-2': !0' 6' 2'7'2' 2 -$# !' 1%+' 04:,%+'G05' ;8' $,0' 2 0--%' '!!' +*;4 '$$05' $ ' $,0' *+0' 6' 4 4 -+' 0;' NM' >PK) ' ;*$' +:005'!8' 1'$,5#%1-' '-' 7'01' 6' $,0' 20#$%'-$8' 6' 5'+%.#00 40-$' ;0$100-' $,0' $1 ' *+0+' ,0' +%40' 2 *#+0' 1%+' $%30-' 1'$,' %+*;+$'$*$0' 40%+*#0' '-$# 5*205' !%$0#' '-' $,0' 80%#H 7' F;8' #'? *-2'4%-' 1,',%5' +*2200505' #' 2 0--%' %+' #0+'50-$' 6' $,0' %#5' 6' 5*2%$' -' *;+0U*0-$ 070-$+' ,%70' 5060##05' %#!'%40-$%#8' %2$' -' '-' $,'+' 4%$$0#' ;*$' 40%-1,'!0'%+' %#0+*!$' 6' $,0' *-'$05' 066 #$+' 6' #' *-2'4%-' %-5' $,0' #2,;'+,' 6' %-9 $0#;*#8' +*::#$05' ;8' 04'-0-$' 40-' %-5' 1 40-' 6' ;$,' :%#$'0+' % 2 4 4 '$$00' ,%+' ;00-' 6 #405' 6 #' $,0' :*#: +0' 6' 507'+'-.' %' :!%-' 6 # R' #09 +0$$!0 40-$' '-' -.!'+,' 0!0 4 0-$%#8' 05*2%$' -S' ,'+' 2 4 4 '$$00' 2 -2050+' $,0' :#'-2': !0' 6' :*;!'2' 2 -$# !' 6 # :*;!'2' +2, !+' %-5' 6' %;+ !*$0' #0!'.' *+' 6#005 4' 6 #$,0' $0%2,0#+' ,0'# :# 7'50+', 1070#' 6 #! 2%!' :$' -' '-' #0+:02$' $ ' $,0' 2 -$'-*%-20' %-5' +*::#$' 6' 50- 4'-%$' -%!' +2, !+' %22 #5'-.' $ ' $,0' 2, '20' 6' :%#0-$+

$1'$,+$%-5'-.' $,0#06 #0' $,0' '-2#0%+'-.' *-'$8' 6' 05*2%$' -%!' %'4+' $,0' 2 4 4 -' #02 .-'9 $' -' 6' *#.0-$' :# ;!04+' 6' 2 -$'-*%$'70' 05*2%9 $' -' 6' 7 2%$' -%!' $#%'-'-.' 6' #*#%!' 05*2%$' -' $,0' :%#%4 *-$'U*0+$' -' '-' #0.%#5' $' $,'+' '-$0#0+$' '-' -.!%-5' '+' +$'!!' $,%$' 6' $,0' ! 2%!' %54'-'+$#%9 $' -' %-5' +*::#$' 6' 0!0 4 0-$%#8' +2, !+' 029 -5' -!8' '-' '4: #$%-20' $ ' $,'+' '-$0#0+$' '+' $,%$' 6' $,0' %*$, #'$8' 6' $,0' %#5' 6' 5*2%$' -' 1,'2,' ,%+' ;00-' +$0%5'!8' '-2#0%+'-.' +'-20' '$+' 2#0%$' -' '-' >)PP' ,'+' %*$, #'$8' , 1070#' ;0%#+' -' #0+04;!%-20' $ ' $,0' %;+ !*$0' 5'2$* 4' 6' %20-$#%!'G05' %*$, #'$8' !'30' $,0' #0-2,' '-'+$#8' 6' *;!'2' -+$#*2$' -' $' #0+$+' *: -' $,0' 7 !*-9 $%#8' %++0-$' 6' 2'7'2' #'-+$'$*$' -%!' %*$, #'$'0+' 50+'# *+' 6' +,%#'-.' '-' $,0' $#0%+*#8' .#%-$+' # 6' :# 4 $'-.' *-'$8' 6' %'4' %-5' 02 - 48' 6' #0+ *#20+' $,# *.,' % -%$' -%!' %.0-28' !!' . 70#-40-$' 40%+*#0+' %#0' 2! +0!8' +2#*$'-'G05' ;8' ! 2%!' %*$, #'$'0+' -$!0#%-$' 6' %-8' 0-2# %2,9 40-$+' *: -' $,0'# #',$+' %-5' %#0' +*;&02$+' 6' 300-' %-%!8+' %-5' 2#'$'2'+4' ;8' $,0' -*40# *+' 05*2%$' -%!' %++ 2'%$' -+' 6 # 1,'2,' -.!%-5' '+' - $05' :%#$'6# 4' $,0'# 4%+$0#8' 6' :# 60++' -%!' :# ;!04+' $,0+0' %++ 2'%$' -+' 0EO#2'+0' .#0%$' '-9 6!*0-20' 0'$,0#;8' $,0'# : !'$'2%!' %66'!'%$' -+' %+' '-' $,0' 2%+0' 6' $,0' %$' -%!' -' -' 6' !0 4 0-$%#8' 0%2,0#+' #' $,0'# + 2'%!' %66'!'%$' -+' %+' '-' $,0' 2%+0' 6' $,0' ++ 2'%$' -' 6' 0%54%+$0#+' #;8' $,0'# 0602$'70' #.%-'G%$' -' 6' :*!%#' :'-' -' %+' '!!*+$#%$05' ;8' $,0' #$,' 6' -.!%-5' 5*2%9 $' -' -60#0-20

,0'05*2%$' -'+8+$0 4' !'30' $,0' -%$' -%!' !'60' 6' -.!%-5' -$' -!8' :# .#0++0+' ;8' 2 4:# 4'+0' ;*$', !5+' $ ' 1,%$' '+' 0-5*#'-.' ;8' % 4%#70! *+' +8+$0 4' 6' 2,023+' %-5' 2 *-$0#2,023+



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+%.0' %+' $,*+' 506'-05' 5 0+' - $' %#'+0' '-' % +'-.!0' %-5' *-'6 #4' 1%8' '-' % +:002,' $#'2$!8' +:0%3'-.' :0#602$' *-'6 #4'$8' 5 0+' - $' :# ;9 %;!8' 0E'+$' ;0$100-' %-8' $1 ' +:0%30#+' -9 5'7'5*%!' 5'660#0-20+' %#0' '-07'$%;!0' 5*0' $ ' $,0' 5'660#0-$' :,8+'2%!' %-5' 40-$%!' 2 -+$'$*$' -+' 6' %-8' $1 ' '-5'7'5*%!+' ,0#0' '+' , 1070#' '-' %!!' :#%2$'2%!' *+0' 6' !%-.*%.0' 1,%$' 4'.,$' ;0' 2%!!05' %-' %#0%' 6' -0.!.';!0' 7%#'%$' -' #%2$'2%!' +:002,' 5 0+' - $' 504%-5' %;+ !*$0' *-'6 #4'$8' +'-20' -!8' %-' %:: # E'4%$0!8' *-'9 6 #4' *+0' '+' -020++%#8' $ ' '-$0!!'.';'!'$8' -9 +0U*0-$!8' 10' 4%30' %!! 1%-20' 6 # 5'660#0-20+' %-5' %++*40' $,%$' $, +0' +:0%30#+' 1, ' '-' $,0' 4%'-' +:0%3' %+' 10' 5 ' ;0! -.' $ ' *# .# *:' ,0#0' %#'+0' $,*+' 1,%$' %#0' $02,'-'2%!!8' 3- 1-' %+' 5'%!02$+' -' $,0' : :*!%# +0-+0' 6' $,0' $0#4' 5'%!02$' 40%-+' $,0'+:002,' 6'%! 2%!' #+ 401,%$' '!!'$0#%$0' +02$' -' 6' $,0' :*;!'2' 1,'2,' 5'660#+' 6# 4' %-5' '+' !0++' %54'#%;!0' $,%-' $,0' + ?2%!!05' +$%-5%#5' +:002,' 2'0-$'6'2%!!8' , 1070#' 5'%9 !02$' 40%-+' 40#0!8' $,0' +:002,' 6' %' .# *:' 6' :0 :!0' 1,'2,' ,%+' +*66'2'0-$' , 4 -0'$8' $' 0-%;!0' $,0' 404;0#+' 6' $,0' .# *:' $ ' '#0%!'G0' $,04+0!70+' %+' :%#$+' 6' %' +:002,' *-'$8' %-5' 1,'2,' 0-%;!0+' $,0' 50+2#';$'70' +$*50-$' 6' $,0' 5'%!02$' $ ' +$%$0' '$+' 2,%#%2$0#'+$'2+' '-' % 1%8' 1,'2,' 5'+$'-.*'+,0+' '$' 6# 4' $,0#' *-'6'05' +:002,' .# *:+' ,*+' $,0' +2'0-$'6'2' +$*50-$' 6' !%-.*%.0' +:0%3+' 6' $,0' -5 ? *# :0%-' 5'%9 !02$+' 40%-'-.' $,0#0;8' $,0' 7%#' *+' +:002,0+' 6' *# :0' %-5' +'%' 1,'2,' ;0! -.' $ ' $,0' .0-0#%!' -5 ? *# :0%-' 6%4'!8' 6' !%-.*%.0+' -' $,0' +%40' 1%8' ,0' +:0%3+' 6' $,0' 0#4%-'2' 5'%!02$+' 40%-'-.' $,0' 7%#' *+' 2%-5'-%7'%-' 0#4%-' %-5' -.!'+,' '5' 4+' 1,'2,' ,%70' +'4'!%#'$'0+' 0-*.,' '-' 2 44 -' $ ' +,1' $,%$' $,08' %!!' ;09 ! -.' $ ' -0' .0-0#%!' ;#%-2,' 6' $,0' -5 ? *# 9 :0%-' 6%4'!8' ;*$' %!+' 5'+$'-2$'70' 5'660#0-20+' 0-*.,' $ ' &*+$'68' $,0' +$*50-$' '-' #0.%#5'-.' 0%2,' %+' %' +0:%#%$0' %-5' , 4 .0-0 *+' *-'$8' -$'-*'-.'$,'+' 40$, 5' 6'5'660#0-$'%$' -' 10' 2%-

+:0%3' 6' $,0' -.!'+,' 5'%!02$+' 40%-'-.' $,0#0;8' $, +0' 5'660#0-$' 6 #4+' 6' $,0' -.!'+,' +:002,' 1,'2,' 5'660#' %4 -.' $,04+0!70+' ;*$' 1,'2,' %!+' #0+04;!0' 0%2,' $,0#' +*66'2'0-$!8' $ ' &*+$'68' *+' '-' , !5'-.' $,04' $ .0$,0#' %+' -0' +:002,

1' '$' '+' ;7' *+' $,%$' $,0' %#0%' 6' -0.!'.';!0' 7%#'%$' -' 4*+$' ;0' '-2#0%+05' '-' :# : #$' -' %+' -0' 0E$0-5+' $,0' !'4'$+' 6' '-2!*+' -' 1'$,'-' % +'-.!0' +:002,' #' 1'$,'-' %' ;#%-2,' #' 6%49 '!8' 6' !%-.*%.0+' -' #50#' $ ' %++*40' $,0' 0E'+$0-20' 6' %' +'-.!0' *-'6'05' -.!'+,' +:002,' '$' '+' -020++%#8' $ ' 70#! 3' %!!' $,0' 4%-8' 5'+9 $'-2$' -+' 1,'2,' .' $ ' 4%30' *:' '-5'7'5*%!' %-5' ! 2%!' 4 50+' 6' +:002,' -5' '6' 10' '-2!*50' -.!'+,' 0#4%-'%-5' 2%-5'-%7'%-'%+' 404;0#+' 6' %' 0#4%-'2' ;#%-2,' #0:#0+0-$'-.' % *-'6'05' :%#0-$' 0#4%-'2' '$' '+' 4%-'60+$!8' -020++%#8' $ ' %!! 1'6 # 4%-8' 4 #0' 5'+2#0:%-2'0+' ;0$100-' $,0' 7%#' *+' 404;0#+' 6' $,0' ;#%-2,

,'+' :#0:%#0+' $,0' 1%8' 6 # %' 506'-'$' -' 6' +$%-5%#5' +:002,' ' +$%-5%#5' +:002,' '+' $,0' +*4' 6' $,+0' +'4'!%#'$'0+' %4 -.' $,0' 5'660#0-$' 404;0#+' 6' %' +:002,' 2 44*-'$8' 1,'2,' $ 9 .0$,0# 2 -+$'$*$0' $,0' .# *-5+' 6 # %++*4'-.' $,0' 0E'+$0-20' 6' %' *-'6 #4' %-5' +'-.!0' :#%2$'20' '-' $,0' +:002,' -' $,'+' #0!%$'70' +0-+0' $,0' $0#4' R'+$%-5%#5' J' 4*+$' %:: !8' $ ' $,0' :#%2$'20' 6' 070#8; 58' 1,' *+0+' %-8' 6 #4' 6' $,0' +:002,' %-5' $,0' ;# %50+$' -.!'+,' +$%-5%#5' 1 *!5' 2 -+09 U*0-$!8',%70' $ ' '-2!*50' $,0' +:002,' 6' -.!'+,9 40-' 40#'2%-+' *+$#%!'%-+' %-%5'%-+' / ' 6' 070#8' '-5'7'5*%!' 1,' %-81,0#0' +: 30' 1,%$' 4'.,$' &*+$!8' ;0' 2%!!05' %6 #4' 6' $,0' -.!'+,' $ -.*0' #+$%-5%#5' -.!'+,' 4'.,$' ;0' !'4'$05' '-506'-'$0!8' $ ' '-2!*50' -!8'$,0'+:002,' 6' 40#9 '2%' #' 6' '#.'-'%' #' 6' ,'2%. ' #' 6' R'05*9 2%$05'C'%+'2 -$#%+$05'1'$,'C'*-05*2%$05'S'+:0%39 0#+' 6' R. 5S' + 2'0$8' %+' 2 -$#%+$05' 1'$,' R7*!.%#S'+ 2'0$8'%-5'+'6 #$,'1'$, *$0-5' $' +, *!5'-$' ;0' 70#! 305' , 1070#' $,%$' %-8' +*2,'+$%-5%#5' +:002,' '+' $,0 #0$'2%!' %-5' '6' $,0' +$%$040-$' 4%50' %; 70' '+' $#*0' $,%$' '-5'7'5*%!' 7%#'%$' -' '+' :0#4%-0-$' %' +$%-5%#5' +:002,' %!1%8+' 4*+$' ;0' %' $,0 #0$'2%!' '50%' -' $,0# 1 #5+' %' +$%-5%#5' +:002,' '+' %' $,0 #0$'2%!' - #4' 0+$%;!'+,05' ;8' %-' %#$'6'2'%!' .# *:'-.' 6' +'4'9 !%#'$'0+' %-5' '+' - $' '-' %-8'+2'0-$'6'2' *-50#+$%-59 '-.' 6' $,0' :# 20++0+' 6' !%-.*%.0' 0'$,0# $,0' %*$, #'G05'05'2$' # :#%2$'20'%-5'0E%4:!0' 6'%-8' '-5'7'5*%!' #.# *:' 6' '-5'7'5*%!+' $' '+' %6*#$,0# 2 # !!%#8' 6' $,'+' 506'-'$' -' 6' +$%-5%#5' +:002,' $,%$' $,0' 4 #0' '-2!*+'70' $,0' +$%-5%#5' $,0' !0++' '-$'4%$0' %-5' :0#+ -%!' %-5' $,0' 4 #0' .0-0#%!' %-5' 2 -70-$' -%!' %#0' $,0' '50%+' %-5' 600!'-.+' 1,'2,' 2%-' ;0' 0E:#0++05' ;8' $,0' 6 #4+' 6' !%-.*%.0' 1,'2,' %#0' +*;+*405' *-50#' $,0 #0$'2%!' *-'$8' 6' $,0' +$%-5%#5' ,0' 0!09 40-$+' 6' $,0' -.!'+,' !%-.*%.0' 6 # 0E%4:!0' 1,'2,' %#0' 2 44 -' $ ' $,0' 1, !0' #%20' 6' -.9 !'+,?+:0%3'-.' :0 :!0' 1 *!5' ,%#5!8' ;0' %509 U*%$0' 6 # 4 #0' $,%-' $,0' +'4:!0+$' %-5' 4 +$ 2 ! #!0++' 3'-5' 6' '-$0#2 44*-'2%$' -' -' 2,%#%2$0#' '$ 1 *!5' %:: # %2,' %-' %#$'6'2'%!' !%-9 .*%.0' %-5' 6' 2 *#+0' %-' %#$'6'2'%!' !%-.*%.0' '$ 1 *!5';0' -5005' -0' 6' $,0' 4 +$ #020-$ %-5

;0+$' 6s %#$'6'2%!s !%-.*%.0+s 5 s'+s 2 -+$#*2$05s -s$,'+s :#'-2':!0s 6s 6 #4'-.s%+$%-5%#5s *# 9 :0%-s+:002,s;8s.# *:'-.s'-$s -0s+:002,s$, +0s 0!040-$+s 1,'2,s%#0s 2 4 4 -s$s%!s #s,0s .#0%$0+$s -*4;0# 6s$,0s!%-.*%.0+s 6s *# :0 #%2$'2%!!8s $,0s U*0+$'-s 6s +$%-5%#5s '+s 6$0-s%:#%2,05s;8s%-s%#;'$#%#8s%++*4:$'-s 6s $,0s#'.,$ 6s -0s:%#$'2*!%#.# *:s 6s+:0%30#+s $s#0:#0+0-$s$,'+s$,0 #0$'2%!s+$%-5%#5s 6s1,'2,s 10s,%70s;00-s+:0%3'-.s -s2*-$#'0+s%-5s :0#'5+s'-s1,'2,s#8%!s%*$,#'8s2*-$05s ,0%7'!8s'$'1%+s6$0-s%++*405s$,%$s$,0s2*#$;0+$'#0:#0+0-$05s$,0s+$%-5%#5s+:002,s6$0-s %!+s%2%:'$%!s2'$8s%+s$,0s20-$0#6s2'7'!'G%$'-s '-s$,0s2*-$#8s1%+s%++*405s$s.'70s'-s$,0s +:002,s6s'$+s2'$'GO-+s$,0s4 50!s6 #$,0s#0+$s 6s $,0s-%$'-s%+s%#'+s'+s+*::+05s'5‘6#%-20s #%.%'-s$,0s+:002,s6s%:%#$'2*!%#2!%++s6s +2'0$8s,%+s;00-s6#0U*0-$!8s$%30-s%+s+*44'-.s *:s$,0s.0-0#%!s%-5s+$%-5%#5s2,%#%2$0#'+$'2+s 6s$,0s+:002,s-s*#5%8s1'-.ss,0s'49 :#$%-$s:+'$'-s1,'2,s6#4%!s05*2%$'-s29 2*:'0+s$,0s:#%2$'20s6s$,0sR05*2%$05s2!%++0+s s;02 40+s$,0s,0#0$'2%!s+$%-5%#5s,%$070# $,0s+$%-5%#5s2,+0-s,1070#s1,0$,0#'$s;0s%.0.#%:,'2%!s%s+2'%!s#s%-s05*2%$'-%!s +$%-5%#5s'$s+,*!5s;0s;+0#705s$,%s,0s2,'20s #0+$+s0-$'#0!8s1'$,s$,0s'-5'7'5*%!s%-5s'+s509 $0#4'-05s;8s,'+s1-s:10#+s#0E:0#'0-20+s '-s;+0#7%$'-s%-5s;8s,'+s1-s:#05'!02$'-+s %6$0#s,0s,%+s4%50s,'+s1-s;+0#7$'-s,0s %++*4:$'-s6s%-8s-0s+$%-5%#5s%+s%;+!*$0!8s #'.,$%-5s$s;0s'4:+05s*:-s%!!s*+0#+s6s$,0s !%-.*%.0s'+s;7'*+!8s%:'020s6s+,00#5.9 4%$'+4s1,'2,s2*!5s;0s2%##'05s'-s06602$'-!8s ;8s$,0s0E0#2'+0s6s%-s%*$2#%$'2s%*$,#'$8s 6s%3'-5s+*2,s%+s$,0s-.!'+,s!%-.*%.0s,%+s -070#+*;4'$$05ss'+s,%#5!8s-020++%#8s $s+$%$0s$,%$s5'2$'-%#'0+s,%70s-s+*2,s%*$,#9 '$8s%s,0'#;0+s,08s%#0s40#0!8s%+*44%#8s 6s$,0s1'50+$s-%$'-%!s#'-$0#-%$'-%!s*+0s 6s$,0s!%-.*%.0s;*$%+*44%#8s1,'2,s'-s$,0s -%$*#0s6s,'-.+2%--$;0 2 -$04:#%#8s%-9 .*%.0s2,%-.0+s6#4'5%8s$s5%8s;*$'5'2$'-9 %#'0+s2,%-.0s-$%$'%!!s#?-!8%$!s-.'-$0#7%!+ *2,s;0'-.s$,0s4%--0#6s$,0s0+$%;!'+,40-$ 6s+$%-5%#5s#2*+$4%#8s*+0s$,0s+02-5s U*0+$'-s'+s-0s6s7%!*0+s'-s50$0#4'-'-.s%2$*%!s :#%2$'20s'-s!%-.*%.0s8s$,0s2'#2*4+$%-20+s 6s;'#$,s05*2%$'-s%-5s0-7'#-40-$s0%2,s '-5'7'5*%!s'+s-%$*#%!!8s%-5s-020++%#'!8s:#9 7'505s1'$,s%6#4's6s+:002,s1,'2,s'+s.0-0#%!s #+$%-5%#5s1'$,s'-s'$+s.#*:s 0s*-$,'-39 '-.s:0#+-s#$,0s-0s1,+0s4'-5s'+s-070# :#&02$05s*$+'50s,'+s.#*:s-070#2%!!+s'-s U*0+$'-s$,0s6#4+s6s,'+s-%$*#%!s+:002,s *$s$,0s:0#+-s1,s6'-5+s,'+s+:002,s'-s2-9 6!'2$s1'$,s$,%$s6s+4 0s$,0#:0#+-s#.#*:s 6s:0#+-+s1,0$,0#s$,0s5'660#0-20+s;0s5*0s $s.0.#%:,'2%!s#+2'%!s2%*+0+s;+-5s$s 2-+'50#s$,0s7%!*0s6s,'+s1-s%+s24:%#05s 1'$,s$,0s$,0#+:002,s-s$,0#1#5+s$,0#0s %#'+0+s$,0-s%U*0+$'-s6s5'7'505s*+0s#% 2-6!'2$s6s+$%-5%#5+s%-5s4%-'60+$!8s$,0s6'#+$ -020++'$8s'+s$s50$0#4'-0s$,0s7%!*0s6s$,0 +$%-5%#5s1,'2,s-0s1'+,0+s$s%:!8s%+s#0.*9 !%$'-s:#%2$'20s$s'+s0U*%!!8s4%-'60+s,%$ -s+'-.!0s:#0+2#':$'-s2%-s;0s.'70-s50$0#4'-9 '-.s$,0s7%!*0+s6s5'660#0-$s+$%-5%#5+s$s 2%--$;0+%'5s$,%s,0s4+$s.0-0#%!s'-$0#9 -%$'-%!s*+%.0'-s-.!'+,s'+s$,0#0;8s%;+!*$0!8s $,0s;0+$s+'-20s$,0#0s%#0s4%-8s22%+'-+s6# 0E%4:!0s$,0s6%4'!'%#2-70#+%$'-s6s5%'!8s!'60s '-s1,'2,s$,0s6#4%!s.0-0#%!s+$%-5%#5s1*!5s ;0s'-%:#:#'%$0s'30 1'+0s'$s2%-s$;0s+%'5s $,%$s$,0s+$#'2$s#*!0+s6s6#4%!s.#%4 4%#s%#0s ;0+$s%-5s#'.,$40#0!8s;02%*+0s$,08s%#0s%29 20:$05s'-s$,0#0$'2%!s50+2#':$'-+s6s$,0s!%-9 .*%.0s%-5s$,%$s507'%$'-+s6#4s$,0s+$#'2$s +8+$04s%#0s1#--s070-s$,*.,s$,08s4%8s;0s 2*##0-$s'-s$,0s2!!U*'%!s:#%2$'2%!s*+0s6s$,0s !%-.*%.0s,0$#'2%!s-5s$,0#;3+s2-$%'-s 4%-8s5.4%+s6#0E%4:!0s$,0s#*!0s%.%'-+$s$,0s +:!'$'-6'-'$'70s%.%'-+$s0-5'-.s%+0-$0-20s1'$,s% :#0:+'$'-s0$2s1,'2,s%#0s6$0-s2-$#%#8';$,s $s:#%2$'20s%-5s06602$'70-0++s'-s!%-.*%.0s-s 506%*!$s6s%-8s%;+$#%2$s#%;+!*$0s$0+$s6s 7%!*0s'-s*+%.0s$,0s-!8s40$,5s!06$s'+s%#0!9 %$'70s%-5s:#%2$'2%!s-0s,0s-!8s.0-0#%!s #*!0s$,%$s2%-s;0s.'70-s1,0-s%U*0+$'-s6s 2,'20s;0$100-$1s*+0+s'-s!%-.*%.0s%#'+0+s'+s $s2,+0s$,0s6#4s#*+0s1,'2,s1'!!s4+$s 06602$'70!8s%$$%'-s$,0s0-5s1,'2,s$,0s:0#+-s +003+s$s%$$%'-s*:-s1,4s$,0s-020++'$8s6s 2,'20s6%!!+s6s$,#*.,s,%;'$%+:0%30#'+s%29 2*+s405s$s*+0s%6#4!'30sR05s-$$%-5s'+s$,0-s2-6#-$05s1'$,s$,0s+$%$040-$s6s.#%49 4%#+s%-5s%!+s$,0s:#%2$'20s6s4%-8s+:0%30#+s 1,s*+0s$,0s6#4s Rs0s5 0+-$s$s,0s4*+$s 502'50s6#,'4+0!6s1,0$,0#s$,0s*+0s6s,'+s,%;9 '$*%!s450s6s+:0%3'-.s:0#%$0+s$s,'+s5'+9 %57%-$%.0s%-5s'6s+s1,0$,0#'$'+s1#$,s,'+s 1,'10s$s%2U*'#0s%-01s,%;'$s,0s:*#:+0 6s!%-.*%.0s;0'-.s$s2-708s20#$%'-s'50%+s 6#4s'-0s:0#+-'s%-s,0#'$,0s*+0s6s!%-.*%.0s +,*!5s;0s50$0#4'-05s;8s'$+s%50U*%28'$s%$$%'-s $,'+s0-5'-8s6#4+s6s!%-.*%.0s1,'2,s6#%-8s #0%+-s1,%$070#s0'$,0#0E:!'2'$!8s#'4:!'2'$!8s2 -708s'50%+s1,'2,s$,0s+0#6s$,0+0s6#4+s5'5'-$'-$0-5s$s2-708s'+s'-s+s6%#%-s'-%50U*%$0s*+0s6s!%-.*%.0s%-5s+,*!5s;0s2##02$05s;8s%4#0s06602$'70s%:!'2%$'-s6s +$%-5%#5+s6s7%!*0s'-s$,0s*+0s6s$,0s!%-.*%.0s $s'+s$#*0s,1070#s$,%$s!%-.*%.0s0E'+$+s-$ -!8s6#:*#:+0+s6s'-$0#2 4 4*-'2%$'-s;*$s %!+s6#:*#:+0+s6s'-5'7'5*%!s+0!6?0E9 :#0++'-s%-5s%+:0%30#4%8s:#060#$s*+0 %s6#4s!%-.*%.0s1,'2,s+%$'+6'0+s'+1-+0-+0s6s$,0s:0#%-5s06602$'70s070-s$,*.,0s3-1+s,'+s!%-.*%.0s1'!!-$2%##8s,'+s40+9 +%.0s$s$,0s:0#+-s1,4s,0s'+s%55#0++9 '-.s-+*2,s'-+$%-20+s$,0s+:0%30#4*+$;0 2-$0-$s1'$,s,%7'-.s+%$'+6'05s,'4+0!6s%-5s 4*+$-$2 4:!%'-s6s$,0s'-%50U*%2'0+s6s +:002,s*-!0++s,0s'+U*'$0s+*#0'$,%$'$,0'!%-.*%.0 5 0+-$s:#7'50s1,%$2%-s+%$'+68s,'+s,0%#0# %+s10!!s%+s,'4+0!6s'-s$,0s0E:#0++'-s6s1,%$,0s1*!5'+%8s

00s ' #% *4) % % s # * 4 %#6 % *s / ' % 4, # s *% s # s0$2

%-5ꞌ #0+: -+0ꞌ ,0#070# $,0#0ꞌ %#0ꞌ 2 ##0!%$'70ꞌ $0#4+ꞌ $,0#0ꞌ '+ꞌ %ꞌ$,'#5ꞌ 405'* 4ꞌ$ ꞌ 1,'2,ꞌ ; $,ꞌ #060#ꞌ -ꞌ $,0ꞌ 2%+0ꞌ 6ꞌ #.%-'+4ꞌ %-5ꞌ 0-7'# -9 40-$ꞌ $,'+ꞌ 4 #0ꞌ 2 4:#0,0-+'70ꞌ 4%$$0#ꞌ '+ꞌ !'60ꞌ %+ꞌ % +0!6?2 -+0#7'-.ꞌ 0E:%-5'-.ꞌ %2$'7'$8ꞌ H 00ꞌ & #ꞌ #5ꞌ '60ꞌ '+ꞌ % :# 20+ꞌ 1,'2,ꞌ '-2!*50+ꞌ 0-7'# -40-$ꞌ %+ꞌ 10!!ꞌ %+ꞌ #.%-'+4ꞌ 1'$,'-ꞌ '$+0!6ꞌ'6ꞌ 10ꞌ%#0ꞌ%:$ꞌ$ꞌ2 --02$'!'60ꞌ1'$,ꞌ $,0ꞌ #.%-'+4ꞌ%-5ꞌ -$ꞌ 1'$,ꞌ$,0ꞌ0-7'# -40-$ꞌ $,'+ꞌ -!8ꞌ 40%-+ꞌ$,%$'$+ꞌ2 --02$'-ꞌ1'$,ꞌ$,0ꞌ 6#40#'+ꞌ5'#02$ꞌ%-5ꞌ1'$,ꞌ$,0ꞌ!%$$0#'-5'#02$ꞌ #'; 8ꞌ 40%-+ꞌ 6ꞌ$,0ꞌ #.%-'+4ꞌ *$ꞌ$,'+ꞌ'-9 5'#02$ꞌ 2 --02$'-ꞌ1,0-ꞌ0E%4'-05'+ꞌ#0%5'!8ꞌ '-$0#:#0$05ꞌ$ꞌ 40%-ꞌ$,%$ꞌ$,0ꞌ #.%-'+4ꞌ'$+0!6ꞌ '+ꞌ -!8ꞌ% 507'20ꞌ6# 4%3'-.ꞌ$,0ꞌ0-7'# -40-$ꞌ %-ꞌ'-2!*505ꞌ:%#$ꞌ 6ꞌ%!'60ꞌ%2$'7'$8ꞌ 0ꞌ+,%!ꞌ 6'#+$ 0E: *-5ꞌ$,0ꞌ 40%-'-.ꞌ 6ꞌ$,'+ꞌ6#4*!%ꞌ 6ꞌ $,0ꞌ+*; #5'-%$'-ꞌ 6ꞌ; $,ꞌ #.%-'+4ꞌ%-5ꞌ0-9 7'# -40-$ꞌ$ꞌ!'60ꞌ #6*-2$'-ꞌ%-5ꞌ$,0-ꞌ%:::!8ꞌ $,0ꞌ#0+*!$+ꞌ$ꞌ05*2%$'-%!ꞌ$,0 #8ꞌ'-ꞌ1,'2,ꞌ$,0ꞌ +2, !ꞌ%+ꞌ%-ꞌ'-+$'$*$'-ꞌ#0:#0+0-$+ꞌ$,0ꞌ0-7'# -9 40-$ꞌ+'50ꞌ%-5ꞌ$,0ꞌ:*:'!+ꞌ$,0ꞌ #.%-'+4ꞌ+'50 ,0ꞌ0-7'# -40-$ꞌ 6ꞌ%-8ꞌ #.%-'+4ꞌ2 -+'+$+ꞌ 6ꞌ$,0ꞌ+*4ꞌ$ $%!ꞌ 6ꞌ2 -5'$'-+ꞌ$,%$ꞌ0-$0#'-'%-ꞌ %2$'70ꞌ1%8ꞌ'-$ꞌ$,0ꞌ5'#02$'-ꞌ6ꞌ$,0ꞌ6*-2$'-+ꞌ 6ꞌ%-8ꞌ!'7'-.ꞌ;0'-.ꞌ -7'# -40-$ꞌ$,0#06 #0ꞌ '+ꞌ -$0U*'7%!0-$ 40#0!8ꞌ$ꞌ+*## *-5'-.ꞌ:,8+'?ꞌ 2%!ꞌ 2 -5'$'-+ꞌ ,0#0ꞌ 4%8ꞌ;0ꞌ 4*2,ꞌ'-ꞌ$,0ꞌ :,8+'2%!ꞌ+*## *-5'-.+ꞌ$ꞌ 1,'2,ꞌ%-ꞌ #.%-'+4ꞌ '+ꞌ '##0+: -+'70ꞌ +*2,ꞌ2 -5'$'-+ꞌ%#0ꞌ - ꞌ:%#$ 6ꞌ'$+ꞌ$#*0ꞌ0-7'# -40-$ꞌ ,%$070#ꞌ%66 #5+ꞌ'$ 6 5ꞌ 1,%$070#ꞌ$,#0%$0-+ꞌ'$ꞌ 1,%$070#ꞌ :# 9 02+ꞌ'$ %.%'-+$ 40-%20ꞌ 1,%$070#ꞌ :0#%$0+ꞌ%+ꞌ +'.-%!ꞌ$ꞌ 5'#02$'$ꞌ$ 1%#5ꞌ6 5ꞌ # % 4%$0ꞌ #%1%8ꞌ6# 4ꞌ %-ꞌ 0-048ꞌ/'+*2,ꞌ2 -5'$'-+ꞌ%#0ꞌ $#*0ꞌ 2 -+$'$*0-$+ꞌ 6ꞌ '$+ꞌ 0-7'# -40-$ꞌ -9 +0U*0-$!8ꞌ0-7'# -40-$+ꞌ2,%-.0ꞌ 1'$,ꞌ$,0ꞌ 509 70! :40-$ꞌ 6ꞌ$,0ꞌ #.%-'+4ꞌ'-5'7'5*%!ꞌ %-5ꞌ #%2'%!ꞌ ,0ꞌ 8*-.ꞌ 6ꞌ % +:02'0+ꞌ #0%2$ꞌ $ꞌ 6010# %-5ꞌ 4 #0ꞌ .0-0#%!'G05ꞌ+$'4*!'ꞌ%+ꞌ% #*!0ꞌ $,%-ꞌ$,0ꞌ 4%$*#0ꞌ+:02'40-+ꞌ 6ꞌ$,0ꞌ+%40ꞌ+:02'0+ꞌ ,0ꞌ! 10# 6#4+ꞌ 6ꞌ!'60ꞌ%#0ꞌ+ꞌ*-5'660$0-$'%$05ꞌ '-ꞌ$,0'# 6*-2$'-+ꞌ$,%$ꞌ$,08ꞌ,%70ꞌ% 2 4:%#%9 $'70!8ꞌ, 4 .0-0 *+ꞌ 0-7'# -40-$ꞌ !'7'-.ꞌ 6 # $,0ꞌ 4 +$:%#$'-ꞌ%!'U*'5ꞌ 405'*4ꞌ%-5ꞌ #0%2$'-.ꞌ -!8ꞌ$ꞌ%601+'4:!0ꞌ 402,%-'2%!ꞌ%-5ꞌ2,04'2%!ꞌ 2,%-.0+ꞌ +ꞌ #.%-'+4+ꞌ.# 1ꞌ%-5ꞌ$,0'# 6*-29 $'-+ꞌ%#0ꞌ 5'660#0-$'%$05ꞌ$,# *.,ꞌ+:02'%!ꞌ+$#*29 $*#0+ꞌ$ꞌ 0E0#2'+0ꞌ 0%2,ꞌ$,0ꞌ 0-7'# -40-$ .0$+ꞌ 2 ##0+: -5'-.!8ꞌ ,0$0# .0-0 *+ꞌ%-5ꞌ 2 4:!0E'ꞌ '$,'6#00ꞌ! 2 4 $'-ꞌ%-5ꞌ% -0#7 *+ꞌ +8+$04'ꞌ $,0ꞌ 0-7'# -40-$ꞌ 2 40+ꞌ $ꞌ '-2!*50ꞌ .#0%$ꞌ +$#0$2,0+ꞌ- $ -!8ꞌ 6'+:%20ꞌ;*$ꞌ 6ꞌ$'40ꞌ+'-20ꞌ ;8ꞌ#0$0-$'-ꞌ%-5ꞌ404 #8ꞌ$,0ꞌ%-'4%!ꞌ;02 40+ꞌ 2%:%;!0ꞌ 6ꞌ#0%2$'-.ꞌ$ꞌ2 -5'$'-+ꞌ 6ꞌ'$+ꞌ:%+$!'60ꞌ ,0#0ꞌ'+ꞌ$,0-ꞌ% .0-*'-0ꞌ+0-+0ꞌ'-ꞌ1,'2,ꞌ $,0ꞌ07 !*$'-ꞌ 6ꞌ!'60ꞌ$,0ꞌ'-2#0%+0ꞌ'-ꞌ5'70#+'$8ꞌ %-5ꞌ'-$0#50:0-50-20ꞌ 6ꞌ!'60ꞌ6*-2$'-+ꞌ 40%-+ꞌ %-ꞌ 07 !*$'-ꞌ 6ꞌ -01ꞌ 0-7'# -40-$+ꞌ &*+$ꞌ %+ꞌ $#*!8ꞌ%+ꞌ 6ꞌ-01ꞌ #.%-+

,0ꞌ .#0%$0+$ 2,%-.0ꞌ 6ꞌ0-7'# -40-$ꞌ 22*#+ꞌ 1,0-ꞌ!'7'-.ꞌ;0'-.+ꞌ;02 40ꞌ 2 -+2' *+ꞌ 6ꞌ$,0ꞌ 6%2$'$,%$'$,0'# #0%2$'-+ꞌ$ꞌ:#00E'+$0-$'+$'4*!'ꞌ 4 5'68'$,0ꞌ !5'6 #4+ꞌ'-'+*2,ꞌ%'1%8'%+ꞌ$ꞌ2#0%$0ꞌ -01ꞌ #5'660#0-$'+$'4*!'ꞌ ,0-ꞌ!'7'-.ꞌ;0'-.+ ;02 40ꞌ%1%#0ꞌ 6ꞌ$,'+ꞌ6%2$'ꞌ4 5'6'2%$'-ꞌ 6ꞌ$,0ꞌ 0-7'# -40-$ꞌ6#$,0ꞌ +%30ꞌ 6ꞌ.0$$'-.ꞌ+$'4*!'ꞌ $,%$ꞌ1'!!ꞌ 4%30ꞌ$,0ꞌ0EO#2'+0ꞌ 6ꞌ6*-2$'-+ꞌ4 #0ꞌ +02*#0ꞌ 4 #0ꞌ 06602$'70ꞌ%-5ꞌ 6#00#ꞌ ;02 40+ꞌ% 50!';0#%$0ꞌ0-5ꞌ ,'+ꞌ$#%-+6 #4%$'-ꞌ'+ꞌ6%4'!9 '%#$ꞌ*+ꞌ'-ꞌ$,0ꞌ6#4ꞌ 6ꞌ$,0ꞌ$!+ꞌ$,0ꞌ*$0-+'!+ꞌ 10%:-+ꞌ 507'20+ꞌ 6ꞌ%!ꞌ 3'-5+ꞌ ;8ꞌ 1,'2,ꞌ 4%-ꞌ 2 -+2' *+!8ꞌ 4 5'6'05ꞌ$,0ꞌ0-7'# -40-$ꞌ'-ꞌ$,0ꞌ '-$0#0+$ꞌ 6ꞌ$,0ꞌ0EO#2'+0ꞌ 6ꞌ,'+ꞌ 1-ꞌ!'60ꞌ%2$'7'$'0+ꞌ -ꞌ$,'+ꞌ1%8ꞌ+ 40ꞌ:%#$+ꞌ%$ꞌ!0%+$ 6ꞌ$,0ꞌ0-7'# -9 40-$ꞌ ;02 40ꞌ 1,%$ꞌ,%70ꞌ;00-ꞌ2%!!05ꞌ R'0E$#%?ꞌ #.%-'2ꞌS'ꞌ #.%-+ꞌ< $,%$'+ꞌ$ꞌ+%8ꞌ%!!ꞌ$,0ꞌ$!+ꞌ %-5ꞌ507'20+ꞌ 6ꞌ%!!ꞌ$,0ꞌ%#$+'%!$, *.,ꞌ *$+'50ꞌ$,0ꞌ ; 58ꞌ :0#%$0ꞌ'-ꞌ;0,%!6ꞌ 6ꞌ$,0ꞌ6*-2$'-+ꞌ 6ꞌ !'60ꞌ&*+$ꞌ%+ꞌ 5ꞌ$,0ꞌ080ꞌ+$ 4%2,ꞌ,%-5+ꞌ0$2ꞌ # 4ꞌ$,'+ꞌ;'!.'2%!ꞌ:'-$ꞌ 6ꞌ7'01ꞌ50!';0#%$0ꞌ # 2 -+2' *+ꞌ;0,%7'#'+ꞌ&*+$ꞌ% 1%8ꞌ 6ꞌ5'-.ꞌ 4 #0ꞌ06602$'70!8ꞌ%-5ꞌ02 - 4'2%!!8ꞌ1,%$'*-2 -9 +2' *+ꞌ!'60ꞌ%5%:$%$'-+ꞌ5ꞌ''-ꞌ%ꞌ#0!%$'70!8ꞌ1%+$09 6*!'%-5ꞌ*-2 -$# !!05ꞌ1%8ꞌ-%40!8ꞌ 4 5'68'-.ꞌ $,0ꞌ0-7'# -40-$+ꞌ%+ꞌ$ꞌ 4%30ꞌ'$%4 #0ꞌ7%#'05ꞌ %-5ꞌ 4 #0ꞌ +$%;!0ꞌ # +02*#0ꞌ +$'4*!*+ꞌ 6 # $,0ꞌ 0E0#2'+0ꞌ 6ꞌ6*-2$'-+

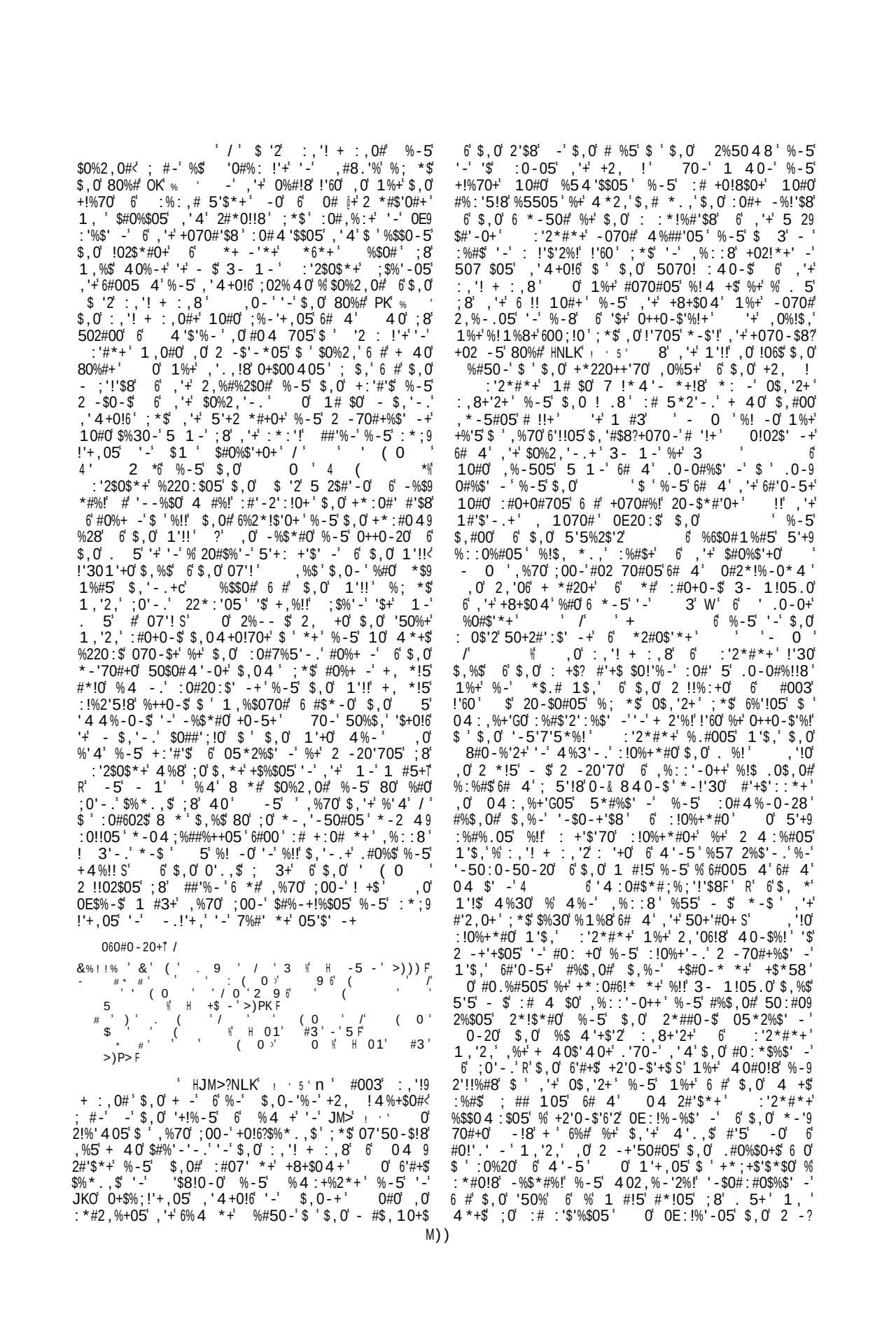
ꞌ:%#$ 6ꞌ$,'+ꞌ1 #3ꞌ 6ꞌ$#%-+6 #4'-.ꞌ$,0ꞌ0-9 7'# -40-$ꞌ'-ꞌ$,0ꞌ'-$0#0+$+ꞌ 6ꞌ!'60ꞌ,%+ꞌ$ꞌ 5ꞌ 1'$,ꞌ+0!02$'-.ꞌ%-5ꞌ4%'-$%'-'-.ꞌ$,0ꞌ0-7'# -40-$ꞌ 1,'2,ꞌ'+ꞌ ;0+$ꞌ%5%:$05ꞌ$ꞌ :# 4 $0ꞌ$,0ꞌ.# 1$,ꞌ 6ꞌ$,0ꞌ 8*-.ꞌ# '44%$*#0ꞌ$ 1%#5+ꞌ6*!!ꞌ :%#$'2'9 :%$'-ꞌ'-ꞌ$,0ꞌ!'60ꞌ%2$'7'$'0+ꞌ 6ꞌ$,0ꞌ2 44*-'$8ꞌ $ꞌ 1,'2,ꞌ$,08ꞌ;0! -.ꞌ ,'+ꞌ+:02'%!!8ꞌ%5%:$05ꞌ 0-7'# -40-$ 2 -+$'$*$0+ꞌ$,0ꞌ05*2%$'-%!ꞌ%.0-9 2'0+ꞌ1,'2,ꞌ% .'70-ꞌ2 44*-'$8ꞌ04:! 8+ꞌ ,0ꞌ 2 44*-'$8ꞌ'-ꞌ #50#ꞌ$ꞌ 4%'-$%'-ꞌ'$+ꞌ 1-ꞌ!'60ꞌ 4*+$ꞌ2 -$# !ꞌ$,0ꞌ5'#02$'-ꞌ$%30-ꞌ;8ꞌ$,0ꞌ.# 19 '-.ꞌ 2%:%2'$'0+ꞌ 6ꞌ%!!ꞌ '$+ꞌ '44%$*#0ꞌ 404;0#+ꞌ +'-20ꞌ'-ꞌ$'40ꞌ$,0+0ꞌ1'!!ꞌ #0:!%20ꞌ$,0ꞌ 4%$*#0ꞌ 404;0#+ꞌ%-5ꞌ,0-20ꞌ2 -+$'$*$0ꞌ'-ꞌ$*#-ꞌ$,0ꞌ 2 44*-'$8ꞌ ꞌ+*2,ꞌ$,'-.ꞌ%+ꞌ:*#0!8ꞌ5'#02$ 2 -$# !ꞌ '+ꞌ :++';!0ꞌ ,1070#ꞌ -$# !ꞌ 6ꞌ 5'#02$'-ꞌ 6ꞌ.# 1$,ꞌ4*+$ꞌ$%30ꞌ:!%20ꞌ'-5'#02$!8ꞌ $,#*.,ꞌ+0!02$'-.ꞌ%-5ꞌ! %5'-.ꞌ%+ꞌ'$ 10#0ꞌ$,0!ꞌ +$'4*!'ꞌ 1,'2,ꞌ07 30ꞌ#0+: -+0+ꞌ%-5ꞌ,0#0;8ꞌ509 $0#4'-0ꞌ,%;'$+ꞌ -ꞌ+'4:!0ꞌ+%7%.0ꞌ.# *:+ꞌ$,0ꞌ 0E'+$'-.ꞌ,%;'$+ 6ꞌ$,0ꞌ0!50#+ꞌ%#0ꞌ0- *.,ꞌ$ꞌ.'70ꞌ +*2,ꞌ 5'#02$'-< 5'#02$:%#$'2':%$'-ꞌ%-5ꞌ #09 :# 5*2$'-ꞌ'-ꞌ:!%8ꞌ+*66'20ꞌ6#$,0ꞌ #0U*'#05ꞌ509 70! :40-$ꞌ +ꞌ%+ 2'0$8ꞌ.0$+ꞌ4 #0ꞌ2 4:!0E'ꞌ %-5ꞌ'$+ꞌ%#$+ꞌ4 #0ꞌ0!%; #%$0ꞌ%+:02'%!ꞌ0-7'# -9 40-$ꞌ,%+ꞌ$ꞌ;0ꞌ:# 7'505ꞌ%-5ꞌ$,0ꞌ+2, !ꞌ%+ꞌ% +:02'%!ꞌ'-+$'$*$'-ꞌ2 40+ꞌ'-$ꞌ0E'+$0-20ꞌ # 4ꞌ $,0ꞌ;'!.'2%!ꞌ+$%-5:'-$ꞌ%22 #5'-.!8ꞌ$,0ꞌ +2, !ꞌ1'$,ꞌ%!!ꞌ'$+ꞌ+*;&02$ꞌ4%$$0#ꞌ%::%#%$*+ꞌ %-5ꞌ.*'5'-.ꞌ:0#+ -%!'$'0+ꞌH$0%2,0#+ꞌ0$2F 2 -9 +$'$*$0+ꞌ%+0$ 6'+:02'%!!8ꞌ+0!02$05'%-5ꞌ%##%-.05ꞌ +$'4*!'ꞌ 6 #$,0ꞌ+%30ꞌ 6ꞌ07 3'-.ꞌ%-5ꞌ6#4'-.ꞌ 20#$%'-ꞌ+$%-5%#5ꞌ$8:0+ꞌ 6ꞌ#0+: -+0ꞌ -ꞌ$,0ꞌ:%#$ 6ꞌ$,0ꞌ!'60ꞌ6*-2$'-+ꞌ (ꞌ 00ꞌ % % #ꞌ%#ꞌ ꞌ #

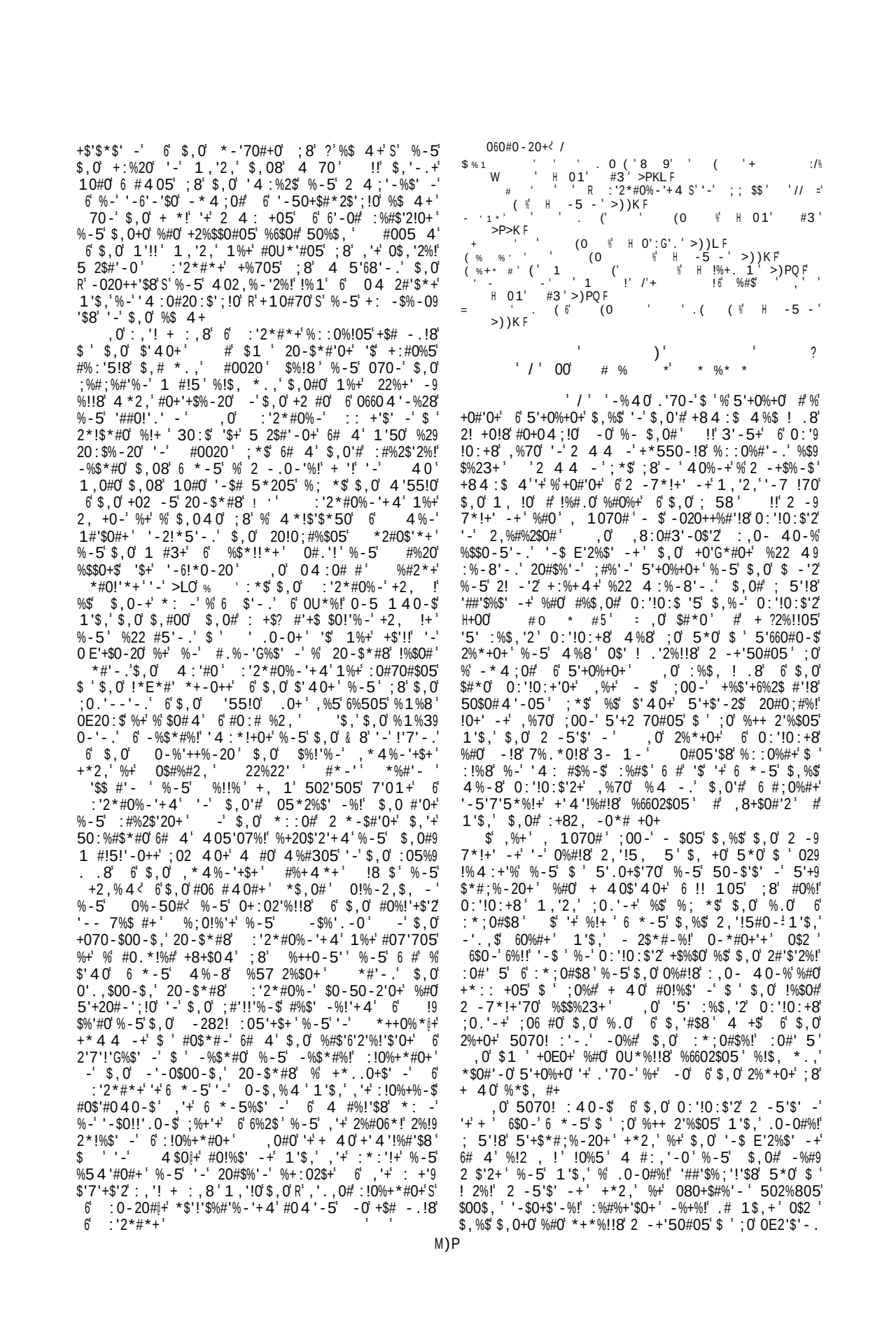
060#0-20+ꞌ/

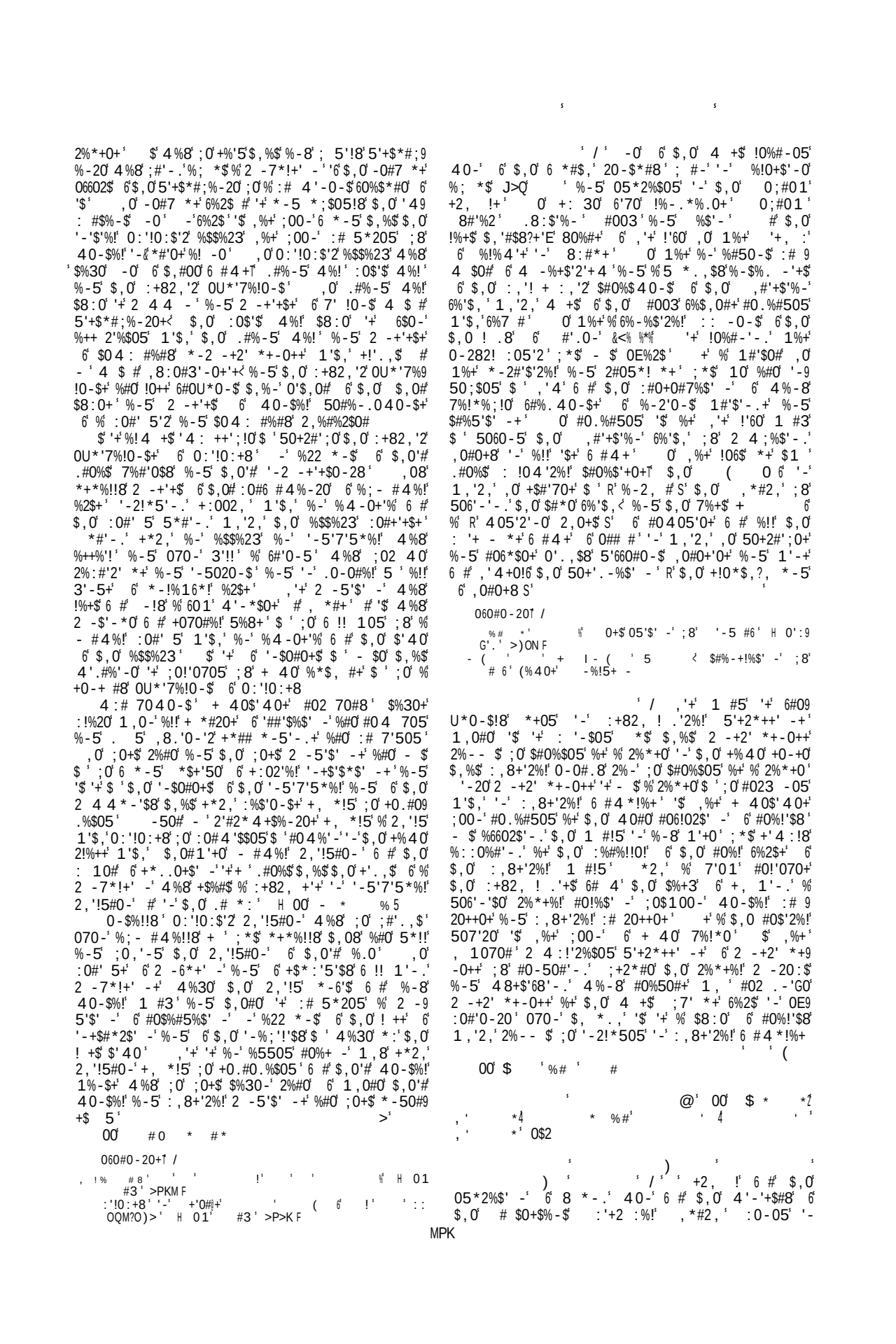
$% #ꞌ(ꞌ ꞌ 0 ꞌ ꞌ' %ꞌ H 01ꞌ #3ꞌ>PKNF

- # * #ꞌ' ꞌ ꞌ 8 9ꞌ ꞌ ꞌ+ (ꞌ/ # 0(%ꞌ H 01ꞌ #3ꞌ>P>KF

00ꞌ%!+ꞌ$,0ꞌ!'+$ 6ꞌ#060#0-20+ꞌ$ꞌ * ꞌ ꞌ 6 ꞌ% #ꞌ%-5ꞌ$ꞌ$,0ꞌ $,0# %#$'2!0+ꞌ$ꞌ 1,'2,ꞌ2# ++ꞌ #069 0#0-20+ꞌ%#0ꞌ.'70-ꞌ'-ꞌ$,0ꞌ$0E$







>)OL' %-5'5%$0+'6 #'50.#00+''-'5'7'-'$8'4*+$:#0+0-$ %'2 !!0.0'50.#00' -' 0-$#%-20' %-5' %!!' 2%-5'5%$0+'4*+$,%70'%'3- 1!05.0'6' #003' %!$, *.,' 6%2!'$'0+'%#0' 660#05'6 #'+:02'%!'+$*9 50-$+' ,0'+$*50-$+'0-& 8'20#$%''-':#'7'!0.0+' %$ %#7%#5' -'70#+'$8

' /' ,0'$,0 #8' # 5 29 $#'-0'6'3- 1!05.0< 4 #0'0+:02'%!!8'%-'%22 *-$ 6'$,0':++';'!'$8'6'$#*0' #'7%!'5'3- 1!05.0' 6' '$+'-%$*#0' %-5' 0E$0-$' #!'4'$+' -' #003'$, *.,$'$,'+'5'+2':!'-0'%+'5'+$'-2$'6# 4' ! .'2'%-5':+82, ! .8'2%-',%#5!8';0'+%'5'$',%70'0E'+$05' ,0' #003'4 50'6'%:: # %2,' 1%+' ;&02$'70< '$'2 -20'705'6'3- 1!05.0' 1,0$,0#$#*0' #'6%!+0'%+'%'#0!%$' -' #'6*-2$' -'6' $,'-.+'6' 5'660+0-$ + #$+' #*0'3- 1!05.0' 1%+'5*0'$'$,0' :0#%$' -'6'+$%;!0'*-'70#+%!' +0!6?2 -+'+$0-$';0'-.< 6%!+'$8'$'%-' '-$0#4'E9 $*#0'6' ;02 4'-.' - -?;0'-.' :%#$'2*!%#'$8' %-5'40#0':$0-$'%!'$8' ,*+'U*0+$' -+'%+'$' $,0' -%$*#0'6'3- 1!05.0' 10#0'5'+$#';*$05' ;0$100-' !.'2' %-5' 40$%:,8+'2+' 70-' +' 6%#' %+' U*0+$' -+'%# +0' %+' $' $,0' #0+:02$'70' 7%!*0+'6'+0-+%$' -'%-5'#0%+ -''-':*#708'-.' 3- 1!05.0'+0-+%$' -'%-5'$, *.,$' 10#0'2 -9 20'705'6'- $'%+':10#+' #'+$%$0+$'6'-'5'7'5*%!' 4'-5' #'2 -+2' *+-0++';*$'%+' 1%8+''-'1,'2,' $,'-.+'4%-'60+$05'$,04+0!70+' -';$,' !%$' %-5' #'+$ $!0'4'-5'%-5'%!!'2 -+2' *+' :0#%$' -+' 10#0'$, *.,$'6'%+':0#602$' -+'%+'2 4:!0$' -+' 6' ;&02$'70'0E'+$0-20' -$'%+'$,0' #'.'-%!'5%$%' 6# 4'1,'2,'('5'+2*++' -'6'3- 1!05.0'4*+$'+0$' *$

:'+$04 ! .8'%+'%'5'+$'-2$';#%-2,' 6':,'! +9 :,8'5070! :05'*$'6'$,0'.# 1$,'6''-5'7'59 *%!'+4' ,0'$0-50-28'6'- 4'-%!'+4'1%+'$' 4%30'4'-5' # 2 -+2' *+-0++'%' : ++0++' -'6' '-5'7'5*%!' +0!70+' #'+*!+': ,0-''$'-%$*#%!!8' ;02%40'%' :# ;!04', 1'$,0''-5'7'5*%!'2 *!5' .0$' *$+'50'6',4+0!6'$'3- 1'%-'0E$0#' # 1 #!5' ,0':# ;!04'1%+'%220-$*%$05';8'$,0' 5070! :40-$'6':,8+'2%!'+2'0-20' -' #003' $, *.,$'$,0#0'1%+' -'+,%#:'5'+$'-2$' -';09 $100-':,8+'2%!'%-5'50%!'H40-$%!'%-5'4 #%!F 2,%#%2$0#'+$'2+'6 #'$,0' ;&02$'70'1 #!5'1%+' #0.%#505'%+' -0'6'<0 % -50# $,0''-6!*0-20'6'#+$'6' 0 ? !%$ -'+4'%-5'$,0-'6' #'+$ $0!'%-'+4'+2, !%+$'2':,'! + :,8',%5'#029 .-'G05'%' .#%505'#,'0#%#2,'2%!' #50#'6' U*%!'$%$'70'7%!*0+' *:'6# 4' R'6'#+$ 4%$$0# S' 1,'2,',%5'!0%+$'6'50%!' U*%!'$8'$,# *.,' %-'%+20-5'-.',0#%#2,8'6'0E'+$0-20+'*:' $' 5'%+':*#0'-$0!!'.0-20'%-5'!70' *$1,0-' :,8+'2%!'+2'0-20'#05*205'$,0'+004'-.',0$0# 9 .0-0'$8'6'$,0' ;&02$'70'*-'70#+0'$',4 .0-0'$8' 6'-5'-.';*$' -0'3'-5'6'4%$$0#%-5' -0'$8:0' 6'4 $'-'$,# *., *$'$+'0-$'#0'0E$0-$'$,0' ;&02$'70'1 #!5'1%+''-07'$%;!8'2 -20'705'6'%+' 4%#305' -!8';8'402,%-'2%!'%-5'U*%-$'$%$'70' 5'+$'-2$'-+' $' -!8'1%+'$ +$#':05'6' 4 #%!'%-5'%0+$,0$'2'7%!*0+';*$'6'5 #'2 ! #' + *-5'0$2' - $,0#':!%20'#'%;50',%5'$,0-' $';0'6 *-5'6#'%!!'5'+$'-2$'-+'6'7%!*0'%-5' U*%!'$8' '-5' # 2 -+2' *+-0++'1%+' -%$*#9 %!!8'$%30-'%+'$,0'#+0%$ # #0+'50-20' ,0' 2!%++'2'%-$'$,0+'+'6'4'-5'%+'50%!'%-5'$0!0 9 ! .'2%!'%-5'4%$$0#%+';#*$0''-0#$'%-$'?:*#9 :+'70'1%+'-1''50-$'6'05'1'$,'$,0'5'660#0-20' ;0$100-'$,0'3- 1'-.'4'-5'%-5'$,0' ;&02$'70' 1 #!5'3- 1-' # 4'$,'+'5*%!'+4':#%2$'2%!!8' *-3- 1-'$'0'$,0#$,0' #003' #'$,0'405'07%!' 1 #!5'4 50#-':,'! + :,8''-' 0+2%#$0+'%-5' 230'+0$+'*$

'70-'$,0-'%3- 10# 1,''+':*#0!8'-5'9 7'5*%!' #'R'+*;&02$'70'S'%-5'1, +0';0'-.'+' 1, !!8':+82,'2%!'%-5'4 4%$0#'%!'H%!!'U*%!'$%9 $'70'5'660#0-20+';0'-.':+82,'2%!'%-5''4 4%$0#'%!F' %-5'%1 #!5'$''0'3- 1-'1,'2,''+':*#0!8'*-'9 70#+%!' #'R' ;&02$'70'S'%-5'1, +0';0'-.'+' 1, !!8'402,%-'2%!'%-5':,8+'2%!''$,0':# ;!04' 6', 1'3- 1!05.0'+':++';!0'+%-''-07'$%;!0' -0' - 10#'%-5'3- 1-';0'-.'2 -20'705' '-'%;+ !*$0!8' :: +05'$0#4+'$,0'U*0+$'-' %#'+0+'%+'$' $'%-5'%+'$',1'/ '$,0'.*!6';09 $100-'$,04'2%-';0'+:%--05'/'6 #'3- 1!05.0' 2!0%#!8''4:!'0+'$,%$'$,0'.*!6'+'+:%--05' !!' $,%$':#'-'6'4 50#-':,'! + :,8'1,'2,'5'+9 2*++0+'$,0':++';'!'$8'-%$*#0'%-5'!'4'$+'6' 3- 1!05.0'#'$,0';%+'+'6'$,0+0':#0+*::+'9 $'-+'2 -+$'$*$0+' :'+$04 !.8' %#' *+' 4 50+'6'+!*$'-'2 -+$'$*$0'$,0'7%#' *+'6#4+' 6'#0%!'+4''50%!'+4':,0-40-%!'+4' &<<% %*6 2*##0-$'-'4 50#-':,'! + :,8

'4%#305'$0-50-28'6'0E'+$'-.'$, *.,$'+' .'7'-.'*:'$,0'%$$04:$'6'%'+0%#2,'6#%+!*$'-'-$ -'$,0'.# *-5'$,%$'$,0':# ;!04'+' !*$'-'-$ -'$,0'.# *-5'$,%$'$'+'%#$'6'2'%!'-'$,0# 1 #5+'$,0#0'+'%'.# 1'-.'$0-50-28'$'U*0+$'-' $,0'+,%#:'+0$$'-.'70#'6'$,0''-5'7'5*%!'+0!6' %.%'-+$'-%$*#0'%-5'6'$,0'U*%!'$%$'70'%-5' '50%!':,%+0+'6'0E'+$0-20'%.%-'+$'$+'U*%-$'$%$'70' %-5'402,%-'2%!'$#%'$+' ,0'$,0#8'607!*$'-' <% %*'1'$,''$+'-+'+$0-20'*:'-'2 -$'-*'$8',%+' 5*;$!0++';00-'$,0'2,'06'2%*+0'6#4'$,0'+2'0-9 $'6'2'+'50'6'$,'+'2,%-.'-.'%$$'$*50'1,'!0'6#4' $,0':,'! + :,'2'+'50'$,0'4#0'2%#06*!'%-%!8+'+' 6'0E:0#'0-20'&<% %*,%+'!05'$'$,0'7'01'$,%$' $,0'5'+$'-2$'-+'6'$,0''-5'7'5*%!'%-5'$,0' *-'70#+%!'$,0':+82,'2%!'%-5'$,0':,8+'2%!'$,0' -%$*#%!'%-5'$,0'50%!'%#0'5'+$'-2$'-+'6'6*-29 $'-+'6'0E'+$0-20'#%$,0#'$,%-'6'+$#*2$*#%!' 0!040-$+'6'0E'+$0-20' ('

O60'0-20+'/

$% #'(' ' !'/'+ !' '+!(!' !' $' ' '>5

$ *%#8 '$'E $ ' '" !%'H -5-' >))QF

(' ' !'/'E $ %'H E6#5' >)))F

$!% ' ' + ('/ (%'H -5-''>))JF

(' '" !%'H 01' #3'>)PLF

'('1 $'$' 9%'H +$-'>P>KF

,/0('/'' $ ' '+ !%'H 01' #3' >P>KF

.0 ' ' (' !%'H ,'2%.'>PKQF

-% ' ' ' !'/'E $ %' 6

>)PO F

-'/#' '1 !'/' '+ !%'H -? 5-'>PKK F

.''-!%##' ((0%'HJ#5'05'5'-;*#.,' >)))F

MP>

" ' / ' ,0' %#$' 6' !0$$0# 1#'$'-.' 1%+' 2*!$'7%$05' %+' %-' 05*2%$' -%!' 40$, 5' '-' $,0' +'E$00-$,' %-5' +*22005'-.' 20-$*#'0+' 6' %!' 1#'$$0-' 40$, 5+' '$' 1%+' +*:: +05' $ ' %:9 :# %2,' -0%#0+$' $ ' $,0' *+0' 6'$,0' !! U*8' 1,'2,' 1%+' $,0' +'4:!0+$' +$0:' $ ' $%30' '-' $0%2,'-.' %$'-' +:0%3'-.' H+00' 8 *5' %$'-' !0$$0# 1#'$9 '-.' $,*+' 1%+' ,0!:6*!' 6 #' 1#'$$0-' 2 4: +'$' -' %-5' %!+' 6 #' :# 7'5'-.' 4%$0#'%!' '-' %$'-' 2 -9 70#+%$' -' (,-' #'-+!08' 4<% %*' '-',+' 0 0' 0' 507 $0+' % 2,%:$0#' $ ' $,0' R' 4%3'-.' 0:'+$!0+' '4'$%$'-.' *!!8' J' 4 % %' '20# F' 0' +%8+' 0:'+$!0+' +, *!5' ;0' R'+, #$' :'$,8' +100$ %$'-' %-5' 6%4'!'%# S' ,0' 4%+$0#+' 40$, 5' 1%+' $ '#0%5' $ ' $,0' :*:'!+' '20# +' 6' %-5' + 40' :%#$' 6' %2# :05'*+' # 0.0-5 #66'-*+' ' ' (2 ' % ,0' #*!0+' !%'5' 5 1-' '-' $, +0' %*$, #+' +%8+' #'-+!08' 10#0' $ ' ;0' 0E:!%'-05' %-5' $,0' 0E%4:!0+' 4%50' 2!0%#' ,0' ; 8+' 10#0' $ ' ;0' '-6 #405' $,%$' %-' 0:'+$!0' '+' - $,'-.' ;*$' %' !0$$0# +0-$' $ ' %' 6#'0-5' R' $ ' - $'68' ,'4' 6' + 40' 4%$$0# # $ ' +'.-'68' *# 4'-5' :!%'-!8' %-5' 6*!!8' *-$ ' ,'4 S' #'-+!08' #0U*'#0+' :#%2$'20' '-''4'$%$'-.' '20# +' 6' %-5' '-' 6#%4'-.' %-+10#+' $ ' ,'+' !0$$0#+' 6'#+$' '-' -.!'+,'$,0-'-' %$'-' ,%#!0+' !0' 4<% %*6' '-',+' -$' ' (!' /' ' ' /' (' .(' H>OOKF' 1#'$0+' 1'$,'+$'!!' 6*!!0#' 5'#02$' -+' /' .'7'-.' 4 50!' 0E%4:!0+' 6' ; 8+' '4'$%$' -+' %-5' %5%:$%$' -+' 6' '20# +' 0:'+$!0+' 0+'50+' #0%5'-.' '20# +' 6$,0' ; 8+, *!5' .%$,0# !'30!8' :,#%+0+' 6 #!0$$0# 1#'$'-.' 6# 4' $,0# %*$, #+'0+:02'%!!8' 0#0-20' !!' +*2,' :,#%+0+', *!5' ;0'0-$0#05' 5*#'-.' $,0'2 *#+0' 6' #0%5'-.' %*$, #+' '-' %' - $0; 3' 5'7'505' '-$ ' 20#$%'-' ,0%5'-.+' 0%+8' 6' #060#0-20' %#'%$' -' 6' 0E:#0++' -' +, *!5' ;0' + *.,$' #' $,'+' :*#9 :+0' !0' #02 4 40-5+' #%+4*+' ' ' " 0 ' ' 2 0 '%-5' (,-' !%#30+' 4<% %*' '0' 0 % !0+' 40$, 5' 6' $0%2,'-.' ; 8+' !0$$0# 1#'$'-.' '+' %+' 6 !! 1+' +3' % ; 8' $ ' 1, 4',0' :# : +0+' $ ' 1#'$0' ,'+' !0$$0#' %-5' $,0' *;&02$' 6' '$' ,0-'.0$' $,0' 1, !0' 2!%++' $ ' +00' 1, ' 2%-' 1#'$0' $,0' 4 +$' +*'$%;!0' !0$$0#' '-' .!'+,'%-5', 1'U*'23!8' 40-5'$,0' '4:0#602$' -+' '-' 0%2,' 0E0#2'+0' %30' $,0' ;0+$ -.!'+,' !0$$0#' %-5' !0$ 0%2,' ; 8'.'70' % %$'-' 0E:#0++' -' 6' ,'+' 1-'.%$,0#'-.' 6# 4' 0%2,' ; 8' 1 #5+' %-5' :,#%+0+' %-5' +003' %+' 4*2,' 7%#'0$8' %+' : ++';!0' *$ %!!' $, +0' %220:$05' 5 1-' '-' 1#'$'-.' %-5'$,0-'!0$'$,0'+2, !%#+' 1#'$0' $,0' %$'-'!0$$0# 1'$,'$,0'2 !!02$05':,#%+0+';06 #0' ,'4'6 #2, '20' -0':'-$' 6' $,0' 0E0#2'+0' 1%+' $ ' %7 '5' ;%#;%#'+4+' %-5' %-.!'2'+4+' !0' %57'+0+' $,%$' $, +0' 1, ' 1'+,' $ ' 1#'$0' !0$$0#+' 10!!' +, *!5' #0%5' . 5' 0E%4:!0+' 6$0-'$,0#06 #0' ; 8+' '-' $,0' *:'0#6 #4+' +, *!5' 6$0-' #0%5' %!!' *!!8+' 6 %-5' + 40$'40+' +, *!5' #0%5' 6# 4'$, +0' 6' !'-8' 0-02%' #%+4*+' ':+'*+' %-*$'*+' +2,%4' !'$'%-' %-5' ?' 1,%$070#' $,08' 6'-5' '-' $,0' +2, !' !';#%#8' 1,'2,'+, *!5' ;0' 70#8' 10!!' 6*#-'+,05' 1'$,' 0:'+$!%#8';' 3+ S' -' !0$$0# 1#'$'-.' !0' 2!%'4+' $,%$' :*:'!+' +, *!5' -070#' R'.' %; *$' % -01' !0$$0# *-$'!' $,08' ,%70' 6'-'+,05' 1,%$' $,08' ,%5' ;0.*-S

0$$0# 1#'$'-.' ; $,' '-' %$'-' %-5' -.!'+,' 22*:'05' % 4*2,' 4 #0' '4: #$%-$' :!%20' 070-' '-' $,0' 0'.,$00-$,' 20-$*#8' $,%-' - 1' %+' %-' 05*92%$' -%!' 0EO#2'+0' # $,0' ! -.' -01+' !0$$0#+' 6' *# %-20+$ #+' $ 3' $,0' :!%20' 6' $,0' 4 50#-' -01+:%:0#' %-5' %22 #5'-.!8' :#%2$'20' '-' !0$$0# 1#'$'-.' 1%+' % +*;&02$' 6' :#%2$'2%!' '4: #$%-20' '-' $,0' +2, !+' ; $,' 6 # ; 8+' %-5' .'#!+' -' %22 *-$' 6' 6%4'!'%#'$8' 1'$,' %2$*%!' !0$$0# 1#'$9 '-.' %+' % +2, !' 0EO#2'+0' 0%#!8' - 70!+' 2 -+'+$'-.' 6'! -.''-$0#2,%-.0+' 6'2 ##0+: -50-20' ;0$100-' $,0' 2,%#%2$0#+' 5'5' - $' :# ;%;!8' 2%*+0' $,0' +0-+0' 6' 5*!!-0++' 1'$,' 1,'2,' $,08' %#0' %:$' $ ' %&602$' $,0' 4 50#-' #0%50#

' ' #, 6' '-' ,'+' ' ' " ' (= 2 0 ' 0 ' 2 0' H '';023' >L>OF' .'70+' %!'+$' 6' 1#'$0#+' -' $,0' %#$' %-5' 40$, 5' 6' 2 4: +'-.' 0:'+$!0+' ,0' !'+$' '+' +*#:#'+'-.!8' ! -.' %-5' '-2!*50+' $,0' 6 !! 1'-.' 040$#'*+' ,%!0#0*+' #0. #8' %G'%-G0-' (,-' !$0-+?' $%'.' %:,%0!' #%-5 !'-*+' -#%5' 0!$0+' *5 7'2*+' '70+' #%+4*+' $0# 5%4*+' 0!9 2,' # (*-'*+' ':+'*+' (,%--0+' 0!!*+' (9 ,%--0+' '4 -'*+' 0 #.0' %;#'2'*+' ,#'+$ 9 :,0# 0.0-5 #:,'-*+' 0 #.0' %2# :05'*+' (,-' *!'-*+' '4 -' 0#0:+0*+' (5 2*+' (*-.4%--' 0 #.0' 0*-'+2,'*+' (' !+$05' 0230#4%--' 0-#8' 0;0!'*+' 22,'*+0' '! #2'*+' , 4%+' %.'$$%#'*+' '4:!0#*+' R' , + 070# 50+'#0+' 4 #0' -%40+S' %55+' #9 , 6' R'!0$' ,'4' #060#' $ ' $,0' 8 2 (6' -#%5' 0+-0#' %-5' 0 #.0' #%-5'*+' /'- $' $ ' 40-$' -' $,0#' ; 3+ S' ,0' 4 +$ 2 4:!0$0' $0E$; 3' -' -.!'+,'!0$$0# 1#'$'-.'+' 0-$'$!05' ' ' . (% / ' ' ' ' (' / (' ' / ' ' ' /' ' ' /' ' ' / ' 6' ' $ ' ' 6' ' 2!' ' 0 ' ' ' ! % ' ' $ (' ' ! ' / ' ' + = $! 6' ' 6' ' ' 6' ' !' > ' ((!6' ' 9 ' $ /' ' ' ' ' !' ' / ' 2 ' % - $' / ' . ' ' $!' 02 ' 2!' ' ' !' H>Q)OF' -0' 6' $,0' ;0+$' 2 !!02$' -+' 6' -.!'+,'!0$$0#+' *:'$ ' $,0' 5%$0' 6' '$+' :*;!'2%$' -' H>L)PF' 1%+' '-' $,0' +0#'0+' 6' (' 4 * ;8' '20+'4*+' - E' 0%54%+$0#' 6' -;#'5.0' 2, !' 0-$' H>LL)?>)>NF' 1, ' 1# $0' %-' '-$0#9 0+$'-.' 2,%:$0#' -' !0$$0# 1#'$'-.''-' ,'+' 1 #3' -' 5*2%$' -'

O60#0-20' /

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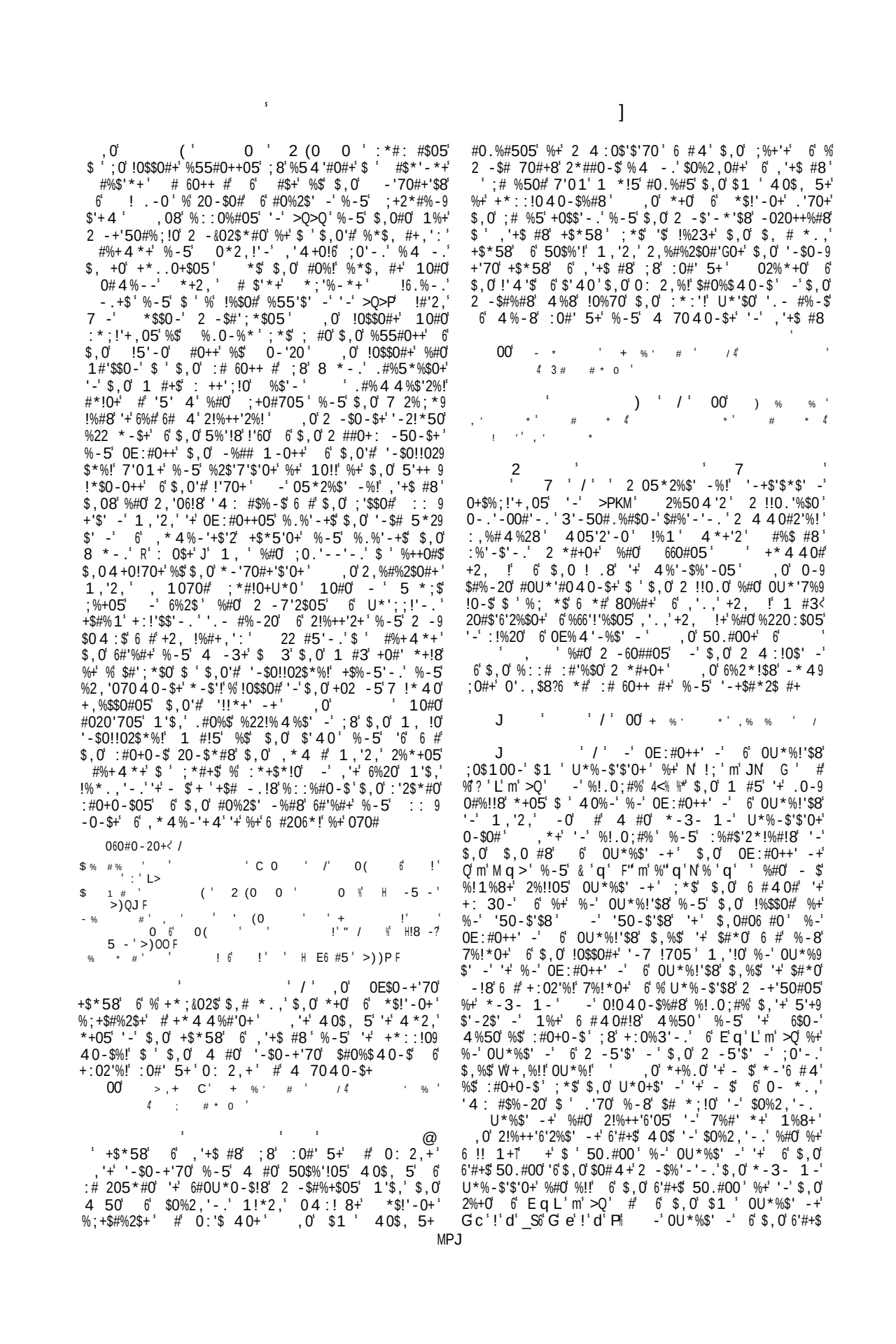
/ ' ' / 0' > ' 1,'2,' '+' 6' 2 -+'50#%;!0' ,'+9 $ #'2%!' 7%!*0' %+' '-5'2%$'-.' $,0' +$%$0' 6' 05*2%9 $' -' '-' $,0' *-'70#+'$'0+' '-' $,0' 0%#!8' 5%8+' 6' $,0' ,*4%-'+$'2' 4 70+0-$' %+' 10!!' %+' 6 #4'-.' -0' 6' $,0' '-2'50-$+' 1,'2,',0#%!505' $,0' 06 #4%9 $' -' 2$*%!!8' $,0' ' /' 2 (0 ' ' 10#0' :%# 5'0+' 6' $,0' ' /' ; 0 0 ' ' 4 0 ' 0 ' (* %55#0++05' $ ' 0*2,!'-' %-5' :*;!'+,05' $ ' %'5' ,'4' ;06 #0' $,0' :0' %.%'-+$' $,0' %$$%23+' 6' $,0!' 4'-'2%-+



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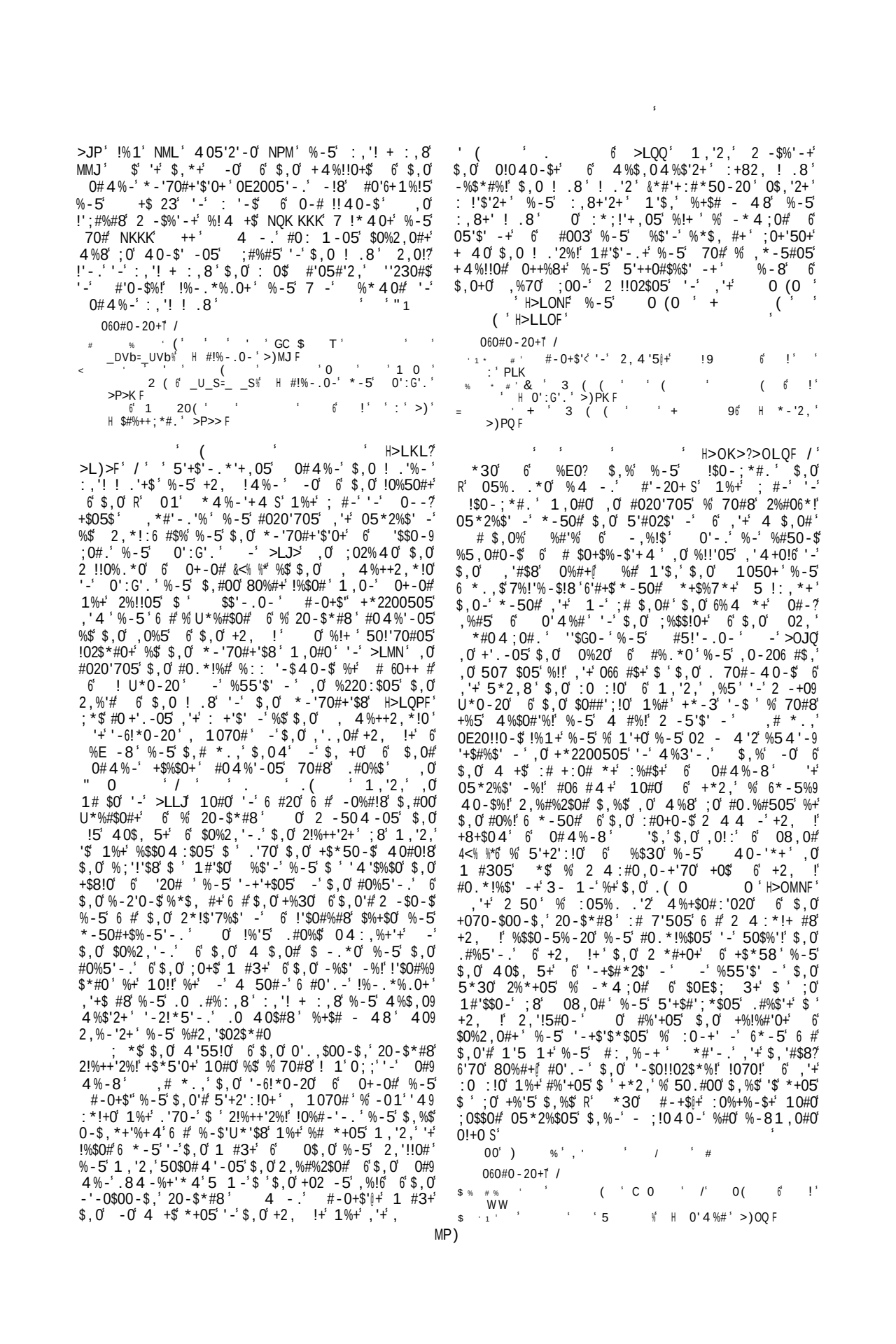

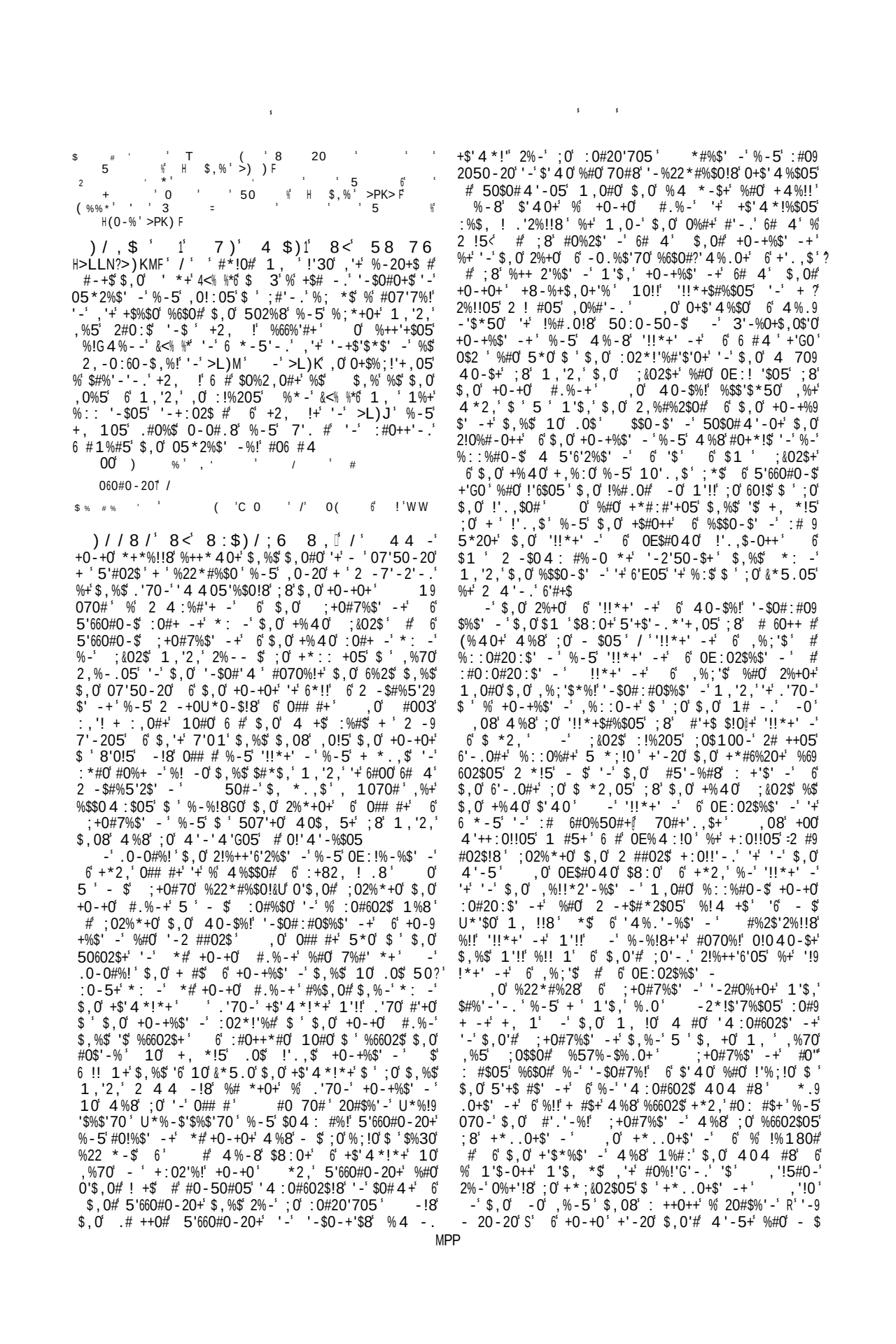

MPP

$,0 :,'+$+ # $,%$ '$ 1%+ - $ %-''4: #$%-$ 6%2$ # '- 4 #%! 5070! :40-$',0 .0-0#%! 2 -9 +'50#%$' -+ 10 ,%70 $05 5 - -0 $,0 !0++ %66 #5 %-: :# E'4%$0!8 %22*#%$0 +0$$'-.'6 # $,0 #06!02$' -+ 6 $,0 :,'+$+ ,08 40$ % ; 58 6 0+$%;!'+,05 :#%2$'20+ +%-2$'6'05 ;8 %*9 $, #'$8 %-5 $#%5'$' - 4%#305 ;8 4%-8 '-5'2%9 $' -+ 6 %! -.',+$ #8 %-5 6 50#'7%$' -6# 4 4%-8 2 -$#';*$'-. + *#20+ ,0 +'$*%$' - 1,'2,'$,08 $,*+ 6%205 $,08 :*$ '-U*0+$' - ,0'-20-$'70+ $ $,0'# :# 205*#0 %#0 5 *;$!0++ $;0 6 *-5 '- $,0 + 2'%! 4 7040-$+ 6 $,0 $'40 ;*$ *# 2 -20#-' '+ 1'$,' $,0 :# 205*#0 '$+0!6 #%$,0# $,%-' 1'$,' '$+ 2%*+0+ 0 4%8 - $0' , 1070#'$,%$'%4'5'%!' $,0 4 #%!:#%2$'20+ 6 $,0 #003+ 1,'2,' 2 -20#-' $,0 #0!%$' -+ 6' -9 5'7'5*%!+ $ -0 %- $,0# %-5 $ ' - + 2'0$8 %$!%#.0'$,0 #'.,$+ 6 :# :0#$8 $,0 #0!%$' - 6 $,0 +0E0+ /?$,%$'.0-0#%!5 4%'-1,'2,' 10 2 70# ;8 $,0 $0# 4+ R #'.,$+ S R 5*$'0+ S R ;!'.%$' -+ S /' $,0#0 ,%5 .# 1-'*:'$,0 2 -20:$' - 6''-5'7'5*%!' 7'#$*0 # 0E20!!0-20 ,0 #003 '4%.'-%$' - ,%5 6 #405 %:'2$*#0 6 $,0 3'-5 6 4%-'$ 1%+ 1 #$,'1,'!0 $;0 ,'+:'2$*#0 ,%5 6 *-5 '$+ 1%8 '-$ +$ #8 %-5 5#%4%' ;*$ '$,%5 %!+ ;00-5#%1-''-$0#4+ 6 4 #%!:#020:$+ ,0 R -$,'-.''-0E20++ S %-5 R 3-1 $,8+0!6 S 1,'2,' !%$ $0!!+ *+ ,%5 ;00-505'2%$05 $: !! %$ 0!:,'' %+ $,0 6'#+$?6#*'$+ 6 1'+5 4 0E:#0++ %-'50% 6 ;%!%-20 %-5 '-$0!!'.0-20 '+0 40-'!'30 ,%!0+ ! -'%-5 '%+ ,0!5 % :!%20 '-$,0 : :*!%# 4'-5 -'%22*-$ 6 $,0'# :#%2$'2%!' 1'+5 4 %-5 $,0'# %:: +'$0 +%8'-.+ ,0+0 2 -20:$' -+ 6 ,*4%-'0E20!!0-20 5 - $, 1070#'+00 4 $,%70 %57%-205 4*2,';08 -5 $,0'# 0E,';'$' -''-'-5'7'5*%!' 2,%#%2$0# #'-:# 70#;'%!' *$$0#%-20 70-' 0 4 2#'$*+ HMOK? JOK F 1,'1%+ -0 6 $,0 4 +$ 2 -+:'2* *+ 6 #003 $,'-30#+ %-5 1,' '+ 2#05'$05 1'$,' $,0 :# 5*2$' - 6 % 1 #3 -' 0$,'2+'+00 4+ $,%70 ;00-' 2 -$0-$05 1'$,'1'+0 +%8'-.+''-+$0%5 6 %2*$0 %-%!8+'+ '+ R !50-' +%8'-.+ S %#0 . !50-' ;*$ $,08 5 - $ 6 #4 %-' '-U*'#8 -' +$#'3'-.' 2 -$#%+$ $ 04 2#'$*+ +$%-5+ ,'+ $ 1-+4%-' %-5 2 -$04 :#%#8 $,0 :,'+$ # $%. #%+ HM)K?M>>' ! 5' 0 $ ',%5 % .#0%$ +%8'-.' 10!! 3- 1-' $ ','+$ #8 ? %-''+ $,0 40%+*#0 6 %!! $,'-.+ 6 $,'-.+ $,%$ %#0 $,%$ $,08 %#0 %-5 6 $,'-.+ $,%$ %#0 - $ $,%$ $,08 %#0 - $ S ,%$ +%8'-.'+ %-' 0$,'2%! #06!02$' - 1,'2,'+ $8:'2%! 6 $,0 + :,'+$'2%! 4 7040-$ '-' '$+ :#'40 $ %$$04 :$+ $ 2*$ 4 #%!+ 66 %$ -20 6# 4 %*$, #'$8 %-5 $#%5'$' - %-5 $ 6 *-5 ,*4%-' 2 -5*2$ 5'#02$!8 *: - ,*4%- -%$*#0 %-5 4%-+ :#'4%#8 '-$0#0+$'-' ,'+ +*220++ %-5 10!!?;0'-. 22 #5'-.' $ $,0 :,'+$+ $,0 #*!0+ 1'$,'1,'2,' 40-+ 2 -5*2$ 4%8 ;0 #0%+ -%;!8 0E:02$05 $ 2 -6 #4 %#0 $,0 #*!0+ 1,'2,' %#0 50$0#4'-05 ;8 ,'+ -%$*#0 %-5 -005+ $,0 :,'+$+ 0 ,0'# .#0%$;*+'-0++ 1%+ 05*2%$' - $ 6#00 40-+ 4'-5+ ;8 % $, # *.,' %2U*%'-$%-20 1'$,' ,*4%- + 2'0$8 %-5 $,0 1 #!5 '- #50# $,%$,*4%-' 2 -5*2$ 4'.,$;0 6#00!8 5'#02$05 $ 1%#5 $,0 %$$%'-%;!0 %-5 +%$'+6%2$ #8 $ '+ - 1 -50# $,%$ $,08

4 0 0 7 0 7 1 05 5 # 7 /4 6 2/ 5 5 0/< 5 : 5 < 7 4 0 0 65 / 0 < =/5 > 3 1 3 1 251 # 7 3 0 0/< 5 5 05 2 0?/ < 1 3 2 # 3 53 0 35 0 5 < 0 3 0 5 65 1 3 2 0 3 0 ! 5< 0 0/< 5 # 1 7 5 05< 0 5 22 < / 25 # < 5< 227 50 5< 2: ,0 #0!%$' - 6 2#%$0+ HMO)?JPP $ $,'+ .0-0#%! 4 7040-$'+ %4;'.* *+ 0 1%+ -0 1'$,' $,0 :,'+$+'-',+ 2 -$0-$' -$,%$ 7'#$*0 2%-' ;0 $%*.,$' $,%$ 3- 1!05.0 %-5 4 #%!'$8 .',%-5''-',%-5 $,%$ 0-!'.,$0-40-$ 6 4'-5 '+ :#0#0U*'+'$0 $ #'.,$ %2$' - *$,'+$ #8 2#05'$+ ,'4 1'$,' % 7' !0-$: : +'$' - $ $ $,0 :,'+$+ $! 3+ $ *+ - 1 %+ 6 $,%$:9 : +'$' - 4%C'' ,%70 ;00-' # $05 4 #0 '-' + 2'%! %-5 : !'$'2%!2 - +'50#%$' -+ $,%-''-%-8 .0-*'-0 5'660#0-20 '-' %'4' # 40$, 5 0$ $,0#0 +004+ $ ',%70 4%#305 $,0 $0%2,'-.' 6 2#%$0+ % :# 9 6 *-5 +0-0 6 $,0 *!$'4%$0 *-2,%-.0%;!0-0++ 6 1,%$070# 2%-';0 2%!!05 . 5 %-5 ;%5 #'.,$ %-5 1# -.' 1,'2,' $,0 :,'+$+ !%2305 0 +004+ $ ',%70 2#0%$05 %:%++' -6 # 5'+2*++' -' %-5 %-0-.%.'-.' +0%#2,' 6 # $,%$ R #0%! $#*$,' -'+'50 4%-' S 1,'2,' 1 *!5 ; $,' !!* 4'-%$0 2 -5*2$ %-5 +%$'+68 $,0 4'-5 ,'+ ,0 5'5 1'$,' %-'# -'2 4 50+8 1,'2,' 4%50 $,%$ $#*$,'6 #070# &*+$;08 -5 -0 #0%2,' %-5 80$ 1%+ + '*-7 +,%3%;!8 ;%2305 *:' ;8 % 6'#4 ;0!'06 '-' $,%$ $#*$,#0%!'$8 $,%$ 6%*$,' '-+$0%5 6 +30:$'2'+4' 1%+ $,0 #0+*!$' ,%$ &*+$'20 $04:0#%-20 2 *#%.0 $,0 . 5 %#0 - $$,'-.+$;0 2,%-.05 %+ +*'$+ $,0 :: #$*-'$8 ;*$ $, # *.,!8 .0-9 *'-0 %-5 2,%-.0!0++ 0!*5'-.' *# 506'-'$' -+ :0#,%:+ 80$ *-%!$0#%;!0 : ++0++' -+ 6 $,0 + *! /'+*2,' +004+ $ ',%70 ;00-' $,0 6%'$,' 6 #0020+ .#0%$0+$ $%!30#

!%$ HMNL?JMLF ,%5'$,'+ +%40 6%'$,' ;8 $04 9 :0#%40-$ 0-#'2,05 '$ $,# *.,' 2 4 :%-' -+,'-' 1'$,' 2#%$0+ %-5 $#%-+6 #405 '$;8 ,'+ 1-' .0-'*+'-$ -0 6 $,0 :0#5*#'-.':,'! + :,'0+ 6 ,'+$ #8 6 !'60 '+ $ %$$%'-' $,0 5'.-'$8 6 $,0 ;0+$;0 $,0 3'-5 6 !'60 '$ *.,$' '$ 4*+$ %22 #5'-.' $!%$ '-7 !70 %7'+' -' 6 $,0 . 5 %-5 0E:#0++ $,%$ 7'+' -''-'%#0%!'G05 + 2'%! #50# *$ 7'+' -' %-5 0E:#0++' -''-$0#:!%8 6 # $,0 . 5 '+ +00-' - $ $,# *.,'+ !%$05 +0!6?%-%!8+'+ 6 $,0 + *!;*$ $,# *.,' $,0 :0#602$';'!'$8 6 + 2'%! #0!%$' -+ 1,'2,' 40-+ -%$*#%! %54'#%9 $' - 6 $,0 . 5 5'+2! +0+ ,0#0 '+ %3'-5 6 %-%! .8;0$100-' $,0 '-5'7'5*%!' %-5 + 2'0$8 + $,%$ $,0 #003 '50%! 6 '-$0!!'.0-20 %-5 ;%!%-20 '-' %4%-' '+ ;*$ %#0%5'-.''-'+4%!!0# !0$$0#+ / $,0 6'.*#0 '+ !%$ + / 6 '-$0!!'.0-20 %-5 ;%!%-20 '-' $,0 $%$0 *#$,0#4 #0 '-$0!!'9 .0-20 %-5 ;%!%-20 %#0 2 -20'705 $;0 '50%!+ - $ -!8 6 2 -5*2$;*$ %!+ 6 %:: #02'%$' - + ' $,%$ $,0 . 5 ;02 40+ $,0 2 -20:$ 6 070#8 0E20!!0-20 $,0 ;0%*$'6*!' %+ 10!! %+ $,0 *+06*!' %-5 $,0 $#*0 !%$ %+3+ *+ $,*+ $ 2 -$049 :!%$0 % 7'+' - 6 ;0%*$8 %+ 10!! %+ %-''50%!' 6 2 -5*2$ %-5 % . %! 6 $, *.,$ *$ $,0 0+? +0-$'%!' $,'-.''+ $,%$ $,'+ 2 -$04:!%$' - 4*+$;0

1 #305' *$' '-' + 2'%!' $0# 4+' %-5' 1 ,0-' 1 #305' *$' '+' +00-' $ ' 5'+2! +0' $,0' 0-5*#'-.' :%$$0#-' 6' $,'-.+' 1 ,'2 ,' %$$#%2$+' ;8' '$+' 1-' 0E20!!0-20' %-5' 2#0%$0+' ;8' '$+' 1-' : 10#' %#$'2*!%#+' 6' 2 -5*2$' $,'-.+' !'30' &*+$'20' %-5' $0 4 :0#%-20' 1 ,'2 ,' 10' 2%!' $,0' 7'#$*0+' %: :0%#05' $,*+' $ ' !%$ ' $ ' ;0' 50:0-50-$' -' %' 1 , !0' 6' 0E20!!0-20' $ ' ;0' '$+' 4%-'6 !5' '-+$%-20+' # + 4 0' #0!%$' -' '-$0#1 70-' 1'$,' $,0 4 ' -0' 2 *!5' - $' ;0' .0-*'-0!8' 7'#$* *+' '-' + 4 0' +'-.!0' 5'#02$' -' ; *$' #%$,0# 4 #0' #'!0+#' 7'#$* *+' %+' %' 1 , !0' %-5' %+' % 4 0 4 ;0# 6' % + 2'0$8' 1 ,'2 ,' %+' % 1 , !0' '+' 4 #0' #'!0+#' 7'#$* *+' ,0' . 5'+' -0' 0!9 5 4' ,%+' ,'+$ #8' #070%!05' % 6'-0# 6%'$,' '-' '$+' #0%!'$8' %-5' '-' '$+' : ++';!'$'0+ ,0' :#%2$'2%!' :# ;!0 4' +0$' ;8' $,0' : ,'! + : ,8' 6' !%$ ' 1%+' $,0' #.%-'G'-.' 6' + 2'0$8' '-' $,0' '-$0#0+$ 6' $,0' '50%!' '$ 5'+2! +0+' %-5' $,'+' ,0' 2 -20'705' $ ' ;0' :#' 4%#'!8' $,0' :# ;!0 4' 6' 05*2%$' -' ,0' 50$%'!+' 6' ,'+' +8+$0 4' 10' +$'!!' #0%5' 1'$,' +*#:#'+0' %$' $,0'# ; !5-0++' $,0'# - 79 0!$8' %-5' $,0'# 6 #0+'.,$' ,08' %#0' 070#89 1 ,0#0' & '-05' $ ' %-' '-+'+$0-$' 50 4 %-5' 1 ,'2 ,' '+' ; $,' $,0' 6*-5%4 0-$%!' 2,%#%2$0#'+$'2' 6' $,0' !%$ -'2' +2 ,0 4 0' 6' 05*2%$' -' %-5' %' -%$*#%!' #0+*!$' 6' ,'+' 0$,'2%!' %$$'$*50' ,%$' 50 4 %-5' '+' $,%$' 05*2%$' -' +, *!5' %' 4' %$' '-5'7'5*%!' 5'+9 '-$0#0+$05-0++' ' !%$ ' 7%!*05' 4 #0' ,'.,!8' $,0' +$*5'0+' 10' 2%!' %;+$#%2$' %-5' +:02*!%$'70' $,%-' $, +0' 10' 2%!' 2 -2#0$0' %-5' *+06*!' ' ,0' !%$$0#' ,0 ;0!'0705'6'E' %$$0-$' -' ,$,0' '4 405'9 %$0!8' :#%2$'2%!' %-5' $,0' '+ !%$05' %-5' $,*+' ;8' 6 +$0#'-.' $,0' 50+'#0' 6 #' -'5'7'5*%!' +*220++' :# 4 $0' $,0' '4 :*!+0+' 1 ,'2 ,' !0%5' $ ' + 2'%!' 5'+9 #.%-'G%$' -' ,0' 6 #40#' , 1070#' ;8' 6'E'-.' %$$0-$' -' -' $,0' '4 :0#+ -%!' %-5' $,0' .0-0#%!' $0-5' $ ' 4'-'4'G0' $,0' :*#0!8' '-5'7'5*%!' %49 ;'$' -+' %-5' 50+'#0+' .'70' ;#0%5$,' 6' 7'01' %-5' $,*+' 4%30' : ++';!0' % 2!0%#0#' 7'+' -' 6' $,0' + 2'%!' . 5' ,'! + : ,0#+' 10#0' $ ' ,0%5' ,'+' $%$0' + !0!8' ;02%*+0' $,08' %#0' $#%'-05' $ ' :%++' 5'+9 '-$0#0+$05' %-5' '4 :0#+ -%!' &*5.40-$+' *: -' $,0' %%6%'#+' 6'!'60' ' ;0!'070' $,%$' $,0' . 5' %+' #0%!'G%;!0' '+' % + 2'%!' '50%!' %-5' $ ' $0%2 ,' 1'$,' %-' 080' :#'4%#'!8' $ ' '-5'7'5*%!' 066'2'0-28' # +*220++' '-7 !705' 6 # !%$ ' %-' '-+*:0#%;!0' 2 -$#%5'29 $' -' ,%$' '+' 1 ,8' $,0' :02*!'%#'$8' 6' ,'+' 059 *2%$' -%!' :# ;!0 4' '+' % -%$*#%!' #0+*!$' 6' ,'+' 0$,'2%!' %$$'$*50 ,0' 0$,'2+' 6' !%$ ' 2 -+$'$*$0' %-' '4 : #$%-$ 5 2*40-$' '-' $,0' ,'+$ #8' 6' 05*2%$' -' ,0#9 070# 10' 6'-5' $,0' '-+'+$0-20' $,%$' 05*2%$' -' +, *!5' 0U*':' 8 *$,' 6 # !'60' ;8' 4%3'-.' $,04' ;# %5!8' 5'+'-$0#0+$05' #%$,0# $,%-' -%## 1!8' 066'2'0-$' ;8' $0%2 ,'-.' $,04' +*;&02$+' 1 ,'2 ,' 4%30' 6 #' !%#.0-0++' 6' 4'-5' #%$,0# $,%-' 6 #' :#%2$'2%!' +*220++' ;8' 6'E'-.' $,0' %$$0-$' -' -' + 40$,'-.' 1 ,'2 ,' 2%--$' ;0' 40%+*#05' ;8' 1 #!5!8' %22 4:!'+ ,40-$' $,0#0' 10' 6'-5' $,0' +:'#'$' 6' !%$ ' 0'$,0# 5'#02$!8' 0EO#$05' #%#'+'-.' 6# 4' + 40' 6#0+ ,' 2 -$0 4 :!%$' -' 6' + 2'%!' '50%!+' $' ,%+' ;00-' % 5 4'-%-$' +:'#'$' '-' 05*2%$' -' 6 # 20-$*#'0+' +,%:'-.' '50%!+' %-5' 40$, 5+' %-5' ;0.0$$'-.' $,%$' '50%' 6' 05*2%$' -' 1 ,'2 ,' 10' 2%!' !';0#%!' H 00' - %# * 4 ! % ' '% # 5

#'+$ $!0' HJ)M?JNNF' 300:+' ,'+' $,'-3'-.' $#*0' $ ' $,0' .0-0#%!' 2 -20:$' -' $,%$' $,0' 20-$#%!' :# ;9 !0 4' 6' 0$,'2+' '+' $ ' :# 7'50' %-' '50%!' 6 # 2 -5*2$' *$' ,0' -5'7'5*%!'G0+' $,0' '50%!' !%8'-.' +$#0++' %+' 5'5' 2#%$0+' %-5' $,0' : ,'+$+' *: -' :0#+ -%!' %$$%'-40-$+' 0$' ,0'5 0+' -' $'2 -20'70' $,0' ;0+$' : ++';!0' 6'60' %+' '-50:0-50-$' 6' + 2'%!' #0!%$' -+' $' 4*+$' ;0' 1 #305' *$' '6' '$' '+' $ ' ;0' %$$%'-05' '-' $,0' ;0+$' : ++';!0' $%$0' ;*$' '$' '+' :#' 4%#'!8' % 4%$9 $0#' 6' -5'7'5*%!' :0#602$' -' #%$,0# $,%-' 6' $,0' :0#602$' -' 6' + 2'0$8' ,'!0' !%$ \2 *!5' 4%'-9 $%'-' $,%$' $,0' '-5'7'5*%!' ,%:'-0++' 6' 2'$'G0-+' '+' +*; #5'-%$0' $ ' $,0' :0#602$' -' 6' $,0' $%$0' #'+$ $!0' ,0!5' $,%$' $,0' $%$0' '+' %$' ;0+$;*$' %-' '-+$#*40-$' '-' %'5' 6' '-5'7'5*%!' 10!!?;0'-.' $' '+' -0' 6' $,0' . 5+' 6' !'60' 1 ,'2 ,' !'30' 4%$*#'$8' ,0%!$,' 6#'0-5+' %-5' :# :0#$8' 4'-'+$0#$ ' 40-$+ !%#.0#' 2%:%;'!'$'0+' 0' $,*+' 2 -20'705' 0$,'2+' $ ' ;0' %;#%-2,' 6' : !'$'2+' -' $' ;02%*+0' $,0' $%$0' 2 40+' #%$' -%!!8' 6'#+$' %+' +0$$'-.' %-' '50%!' ;*$' -%$*#%!!8' 6'#+$' %+' $,0' 0-7'# -40-$' 6' ,*4%-' #0!%$' -+' %-5' $,0' 5 4%'-' 6' ,*4%-' %2$'7'$'0+' #0 70#' $,0' '50%!' '+' -' $' 1'$,' ,'4' $,0' !%$ -'2' :%$$0#-' 6' . 5-0++' $,%$' %$$#%2$+' ;8' '$+' 0E9 20!!0-20' %-5' 2#0%$0+' ;8' '$+' : 10#' ' $' '+' #%$,0# $,0' 6#00' 0E0#2'+0' 6' $,0' 6*-2$' -' # %2$'7'$8' 1 ,'2 ,' '+' :02*!'%#!8' 2 ,%#%2$0#'+$'2' 6' 4%-' !!' $,'-.+' $,'-3+' #'+$ $!0' ,%70' $,0'# 2 ,%#%2$0#9 '+$'2' %2$'7'$'0+' 1 ,'2 ,' !%#.0!8' 5'+$'-.*'+' 1 ,%$' $,08' %#0' %-5' $,0' 6#00' 0E0#2'+0' 6' 1 ,'2 ,' 2 -+$'9 $*$0+' $,0' . 5' %$' 1 ,'2 ,' %!' $,'-.+' %'4 ' ,0' ;0+$' !'60' 6 # 40-'-7 !70+' $,0#06 #0' $,0' 0E0#2'+0' 6' %!' $,0'# -%$*#%!' %2$'7'$'0+' ;*$' :%#$'2*!%#!8' $,0' 0E0#2'+0' 6' $,%$' %2$'7'$8' ;8' 1 ,'2 ,' 40-' %#0' :02*!'%#!8' 5'+$'-.*'+,05' -5' $,'+' '+' #0%+ -' 1' $,0' '50%!' 1 ,'2 ,' #0%+ -' +0$+' '+' $1 6 !5' $' '-7 !70+' $,0' 7'#$* *+' 2 -$# !' 6' 2 -5*2$' %-5' $,0' 6#00' 0E0#2'+0' 6' #06!02$' -' 22 #5'-.!8' $,0' 0$,'2+' 6' #'+$ $!0' 2 4 :#'+0+' %-' 0E%4'-%9 $' -' 6' $,0' 7'#$*0+' $,' +0' $8:0+' 6' 0E20!!0-20' 1 ,'2 ,' 4%30' $,0' %54'#%;!0' 4%-' %-5' %!+' %-' 04:,%+'+' -' '-$0!!02$*%!' 0E0#2'+0' :*#+*05' '-' '$+' 1-' '-$0#0+$' 6 # $,0' +0!6?+*+$%'-'-.' & 8' 6' '$' ,*+' $,0' :0#602$' 4%-' 4*+$' ;0' - $' -!8' % 2'$'G0-' : ++0++05' 6' 4%$*#0' : 10#+' %;*-5%-$ 10%!$,' %-5' 6#'0-5+' %54'#%;!0' 6 #,'+' &*+$'20' ,'.,?4'-505-0++' $04 :0#%-20' %-5' .0-0# +'$8' ,0' 4*+$' %!+' ;'0' #06!02$'70' !0$$'-.' ,'+' 4'-5' :!%8' 6#00!8' %;*$' $,0' 2 -20#-+' 6' !'60' %-5' $,0' 2 -9 +$'$*$' -' 6' -%$*#0' '-' #50#' $,%$' ,0' 4%8' %$$%'-' $,0' +*:#040' 0E20!!0-20' 6' 5'+'-$0#0+$05' '-$0!!'9 .0-20' -' % +0-+0' $,'+' '+' !%$ ' $#%-+6 #405' % 6%'$,' '-' %-'0-5*#'-.' :%$$0#-' 6' . 5-0++' $#%-+9 !%$05' '-$ ' $0#4+' 6' ,*4%-' :+82, ! .8' %-5' -%$*#%!' +2'0-20' %-5' :#0+0-$05' %+' % .%!' 6' %2$'7'$8' #%$,0# $,%-' %+' %-' '-+'.,$' '-$ ' %;'5'-.' #0%!'$'0+ ,'+' +*..0+$05' 2 -$#%+$' '+' '!!*+$#%$05' '-' #'+$ $!0!+' $#0%$40-$' 6' $,0' 7'#$*0+' '$,',4' $,08' %#0' - $' :%#$'%!' $, *.,' #0!%$05' 4%-'60+$%9 $' -+' 6' %. 5'0++0-$'%!!8' -0' %-5'0$0#-%!' $,08' %#0' #%$,0# #.%-'G05'%-5'2 -$# !!05' $0-50-2'0+' $ ' %2$' -' '-' $, +0' 2#'$'2%!' +'$*%$' -+' 1 ,0#0' $,0' : +9 +';'!'$'0+' 6' ;0,%7' # %#0'2 -$#%+$05'%-5' : +'$0' ,*+' %' 4%-' '+' 2 *#%.0 *+' 1 ,0-' ,0' ,%+' %2U*'#05

$,0 +0$$!05 ,%;'$ 6 #0%2$'-.' $ ' 5%-.0# 1'$,',' -%$*#%!' $0-50-2'0+ $ ' 6!'.,$ # #%+,-0++ 2 -9 $# !!05 0 '+' %+ '$ 10#0'% R 40%-'S';0$100-' $,0 2 1%#5!8'%-5'$,0',0%5+$# -.' $,0# 7'#$*0+ %#0 +'4'!%#!8 2 -+$#*05 0#0 %.%'-' 10 ,%70 $,0 6%4'!'%# #003 04:,%+'+ -';%!%-20 %-5'-9 $0!!'.0-20';*$ '$'+ 506'-05 - 1''-$0#4+ 6 $,0 6 #4%$' -6 ',%;'$+ -5 '6 $,0 7'#$*0+ %#0 $ ';0 *-'6'05 $,08 2%-';02 40 + -!8 %+ $,0 '-9 5'7'5*%!'%$$%'-+%*-'6'05 2 -$# ! 6 ,'+ ,%;'$*%!' #0%2$' -+''-$,0 6%20 6 $,0 7%#'05 2#'+0+ 6 2 -9 5*2$ 6 $,'+ *-'6'05 2 -$# !'+ $ ';0 %$$%'-05 ,0 4*+$ 2%##8 ,'+2 -5*2$*:''-$ ',0 5 4%'-' 6 #06!02$' -1,0#0 $,0 ;0%#'-. 6 $,'-.+ 2%-' ;0 +00-' %-5 %::#02'%$05 R -8; 58 2%-'.'70 # +:0-5 4 -08';*$ $ '.'70 '$ $,0 #'.,$ %4 *-$ 6 '$ %-5 $ '.'70 '$ %$ $,0 #'.,$ $'40 %-5 6 # $,0 #'.,$ 2%*+0 %-5''-$,0 #'.,$ 1%8 $,'+ '+ - $ 1",%$ %-8; 58 2%-'5 - # '+ '$ 0%+8 S

'$,' #'+$ $!0 $,0 #003 '50%!' %$$%'-05 '$+ ,'.,0+$ 0E:#0++' - !%$;0,0!5 '$ 1'$,' % 6'-0# :%++' - ':0#,%:+ 2 ! #05 ;8 %;0%*$8 - $U*'$0 6 $,'+ 1 #!5 %-5 0-5*05 1'$,'%-'%$9 4 +:,0#0 - $ 1, !!8',*4%- 0 4',$,%70 0E:#0++05 $,%$:%++' -''-$,0 = #5+ 6 :, 9 2!0+ R □ $,%$ 48 ! $ 4'.,$!0%5 40''-$,0 :%$,' 6, !8 '-- 20-20 6 $, *.,$ %-5 5005 $,0 :%$,' 1,'2,' %*.*+$!%1+ #5%'-' !%1+ 1,'2,' '-' $,0 ,'.,0+$,0%70-',%5 $,0'# ;'#$,' -0'$,0# 5'5 $,0 #%20 6 4 #$%!' 4%-';0.0$$,04 - #+,%!! ;!'7' - 070# :*$ $,04 $ ' +!00:< $,0 : 10# 6 5 '+ 4'.,$8 '-' $,04 '%-5 .# 10$,' - $!5 S' -5 !%$ 5'5'+%8 6 ,'+ :0#602$' $%$0 R ' -',0%70-' $,0#0 '+ !%'5 *:'% :%$$0#-' 6 +*2,' % 2'$8 '%-5' ,0 1, 50+'#0+ 4%8;0, !5 '$ %-5 ;0, !5'-. ' . 70#-','4+0!6 %22 #5'-.!8 *$ 1,0$,0#$,0#0 #0%!!8 '+ # 070# 1'!!;0 +*2,' %-' -0 '+ 6 - ' '4: #$%-20 $ ','4< 6 #,0 1'!!' %2$ %22 #5'-.' $ ' $,0!%1+ 6 $,%$ 2'$8 %-5 6 - ' $,0# S' #'+$ $!0 ;0,0!5 '$ 1'$,' % 2%! 4'2 -6'50-20 *-$ *2,05 ;8 +*+:'2' -+ 6 '$+ #04 $0-0++' #,'4''$ 1%+$,0 '50%!' 6 $,0 ;0+$!'60 %$$%'-%;!0 ;8 4%-' ;0+$;02%*+0 '$04; 5'05 $,0 0E0#2'+0 6 4%-.#0%$0+$ 2%:%2'$'0+ '%-5 %$$%'-%;!0 ;02%*+0 '$ 1%+.# *-505 '-' $,0 '-5'2%$' -+ 6 $,0+0 2%:%2'$'0+ $,04+0!70+ $,0 0E'+$0-20 6 1,'2,'.*%#%-$005 '$ 1'$, *$ $,0 -005 6 $,0#+*::#$

#003 0$,'2+';0.'--'-.'1'$,' $,0 :,'+$+'%-5 2*14'-%$'-.' '-' #'+$ $!0 +*;+$'$*$05 $,*+ 6 # $,0 2*##0-$ %-5 $#%5'$' -%!' 4 #%!+ $,0 2 -9 20:$' - 6 $,0 ;0+$!'60 6 # 4%-''-' $,0 !',$ 6 ,'+ -%$*#%!' -005+ '+*## *-5'-.+'%-5 2%:%2'$'0+ $+ 5 4'-%-$ '50%+ 10#0 ;%!%-20 %-5 '-$0!!'9 .0-20 $ 1%+%-''50%!'%$ -20 6 2 -5*2$%-5 6 05*2%$' - ,0#070# #003'-6!*0-20 10-$ / %-5'$,%$ 40%-+$,# *., *$ 0+$0#-'2'7!'G%$' - / '0$,'2%!''-U*'#8 60!$ '$+'4:#0++' - ,0 2 -9 20:$' - 6 $,0 ;0+$!'60 $,0 $0#4+''-1,'2,' '$ 1%+ 0E:#0++05 $,0 40%-+;8 1,'2,' '$ 4'.,$;0 #0%2,05 $,0 +%-2$' -+ 1,'2,'4'.,$;0 *#.05 '-' $+' +*::#$ / '$,0+0 $,'-.+ 4'.,$ 7%#8 ;*$ #06!02$' - - 4 #%!+ $0-505 $ ' +*;+$'$*$0 6 # $#%5'$' -%!' :#%2$'20+ %2-20:$' - 6 $,0 ;0+$!'60 # $ ' +*66*+0 $,0+0 :#%2$'20+ 1'$,' %+0-$'9

40-$ +:#'-.'-.' 6# 4 $,0 7'+' - 6 '$ 6$0-' $,0+0 0$,'2%!#06!02$' -+:#0+0-$05 %-'%+$ -'+,'-.' 2 -$#%+$ $ ' $,0 : :*!%# 4 #%!'$8 6 $,0 $'40+ 1,'2,' :# 5*205 $,04< %-5 $,'+ 2 -$#%+$,%+ ;00-'+ ',0'.,$0-05 ;8 $,0'4%.'-%$' - 6 4%-8 ,'+$ #'%-+ $,%$ 10 %#0 1 -$ $ ' $,'-3 6 $,0 20-$*#'0+ 1,'2,' 4%#305 $,0 ;0.'--'-.+ 6 $,0 4%-' 4:'#0 %-5 $,0 +:#0%5 6 ,#'+$'%-'$8 %+ 20-$*#'0+ 6 4 #%!' 50;%*2,0#&U %-5 $ ' #0.%#5 $,0'# 0$,'2%!' '50%!+ %+ :# $0+$+ 1#*-.' 6# 4 50+:%'#' $'+ +%-0# $ ' $,'-3 6 $,04 ''-' $,0 4%'-' %+ $,0 2 -$'-*%-20 6 $,0 #003 ,%;'$ 6 4'-5 ,0 $1 ' 0$,'2%!' :,'! + :,'0+' 1,'2,' %#0 #0.%#505 %+ 2,%#%2$0#'+$'2%!!8 4%-' $,0 $ '2 %-5 $,0 :'2*#0%-' #020'705 $,0'# '-'$'%!' 4:*!+0 6# 4 #003 $,'-30#+ %-5'+:#0%5 *-50# #003 '-6!*0-20 %-5''-+$#*2$ -< 0 :!%$ -'+4 1%+ !%$ ' #07'705 %-5 4 !5'-.' (01'+,' :,'!9 + :,8< ,#'+$'%-'$8 '$+0!6 *-50# #003 '-6!*0-20 2%40 $ ' $,'-3 6 (0+*+ - $ -!8 %+ $,0 0++'%,' $,0';#'-.0# 6 2 46 #$ %-5 +%!9 7%$' - ';*$ %!+ %+ $,0 :%$$0#-' 6 :0#602$' - $,0 6 *-50# 6 % 3'-.5 4 1,0#0'-' 404;0#+,':' 2 -+$'$*$05 $,0 ;0+$!'60

6 %!' $,0+0 0$,'2%!' $0-50-2'0+ $ '2'+4 4<% %* %-5 :'2*#0%-'+4 ,%70 :0#,%:+ $,0 ;0+$ #'.,$ $ ' #%-3 %+ 0$,'2%!' :,'! + :,'0+ ,0 '50%!' 6 $,0 -0 2 -20'705 %+ $,0 #0+ !*$0 1'!!' %-5 6 $,0 $,0# %+ $,0 +0-+'$'70 5'+: +'$' - 10#0 .# *-505 '-' % 2 -+'50#%$' - 6 4%-+ -005+ %-5 2%:%2'$'0+ '-7'01 6 ,'+ +*## *-59 '-.+ ,0+0 '50%!+ ,%70 ;02 40 7 !0-$!8 2 -$#%+$05 '-' 40-+ '4%.'-%$' - ,0 $ '2' %+ 0-02% HM?OQF ':'2$0$*+ H6'#+$ 20-$*#8 % 5' %-5 %#2*+ *#0!'*+ H>N>?>)KF ,%70 :'2$*#05 ,'4 +$%-5+ 6#00 6# 4 $,0 %!!*#040-$+ 6 :%++' - *-5%*-$05 ;8 2%!%4'$8 +0!6?:'+05 ,'+ + *!+$0%56%+$ %-5 #0+ !*$0 $ '5 ,'+ :%#$ '-' $,0 1 #!5 R 1,0$,0# 5 # %$ 4+ #*!0 S ,0 :'2*#0%-' %+ $,0 6'-0 2,%#%2$0# 6 :'2*#*+ 4<% %* HJM>?NLK 2 F ,'4+0!6 %-5'$,0 :0$#8 6 *2#0$'*+ HPO?QQ ! 5 6 #405 ,'4''+ :0-' $ ' $,0 & 8+ 6 !'60 ,'+ + *! %$$*-05 %-5 +0-+'$'70 $ '$,0 + !'2'$%$' -+ 6 ,%:::'-0++ ,'+ 4'-5 6#005 6# 4 2 +4 '2 ;!'.%$' -+ +'-20 -%$*#0 ;0'-.' ;*$ 4%$$0# 2 -$'-*%!!8 #0 #.%-'G05 %22 #5'-.' $ '2,%-.0!0++ !%1+ '+ '-5'660#0-$' $ '%!!' '$+ :# 59 *2$+ %-5 80$ %66 #5+ '+ $,0 '-+$#*40-$+ ' $,%:::'9 -0++ '6 2%#0 '+ $%30-' $ ' 5'+2 70# %-5 04:! 8 $,04 -$#%+$05 %+ $,0+0 '50%!+ %#0 $,0 -0 $0-5'-.' $ 1%#5 '-+0-+';'!'$8 %-5 $,0 $,0# $ 1%#5 5'++ !*$0-0++ $,08 '-7 !705 %-' '50-9 $'2%!' 5'+2':!'-0 $,0 *-50#+$%-5'-.' 6 ,*4%-' -%$*#0 %-5 $,0 2 -$# !' 6 '$+ :# :0-+'$'0+ -+0U*0-$!8; $,' $ '2 %-5 :'2*#0%-' 2 *!5 6'-5'$,0'%'4' 6 05*2%$' -' $ '!'0 '-' $,0 5070! :9 40-$ 6 :0#+ -%!'$8 '%-5 7%!*0 '$+ 2 -$0-$ %-5 40$, 5+ %+ $,0+0 2 -$#';*$05 $ ' $,%$ %'4 # $,0 5070! :40-$ 6 0$,'2+ ,#'+$'%-'$8 '+ 0+:02'%!!8 - $01 #$,8 6 # '$+ 0E%!$%$' -' 6 -01'7'#$*0+ #'+$ $!0 04:,%+'G05'++2,' *4%-' 0E20!!0-20+ %+ 1'+5 4 ' $04:0#%-20 2 *#%.0 &*+$'20 ,'.,?4'-505-0++'!';0#%!'$8 %-5 6#'0-59 +,':' ,#'+$'%-'$8 $%*.,$ 4003-0++' +0!6?+%29 #'6'20 +0#7'20 2,%#'$8 40#28 :0%20 ! -.?

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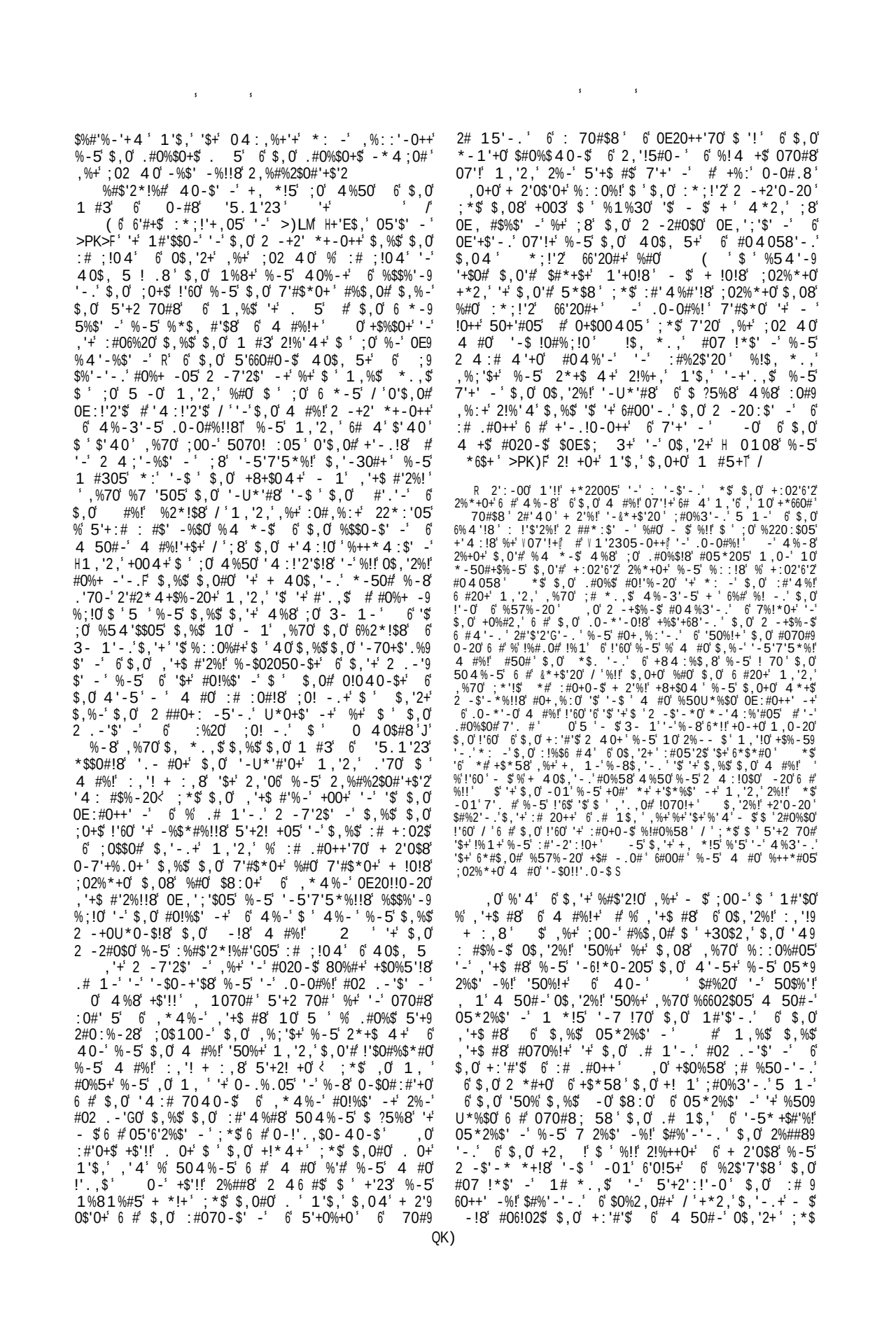

: '-$ -20 4 #0 $ $,0 2! +0 2 --02$' -1,'2,,%+ %!1%8+ 0E'+$05 ;0$100-4 #%!'-+'.,$%-505*2%$' -%!' %57%-20 0$,'+$ #8 5'+2! +0+%+$0%58 502!'-0 6 $,0 '4: #$%-20 %$$%2,05;8 05*2%$ #+ $ +:02'6'2%!!8 4 #%!'-+$#*2$' -70-''-* #2 !!0.0+%-5*-'70#+'$'0+$,0 2 *#+0''-0$,'2+,%+! +$ $,0 :#004-0-20''$ -20,%5,'+'+ 6$0-#0.%#505%+% 4'+6 #$*-0;*$'-$,0!'.,$ 6,'+$ #8''$ 4%-";0 +0$ 5 1-%+$,0 #02 .-'$' -$,%$ $,0 8 *-.'%#0 $%*.,$ $;0 4 #%!' -$ 40#0!8 ;8 :#020:$ %-5 0E%4:!0;*$;8 % !'70!8 %2U*%'-$%-20 1'$,$,0 +:02'6'2:# ;!04+1,'2,;0+0$!'60 %-5;8 % $#%'-'-.''-$,0 + !*$' -6 $,04 # '$ 4%&'" ;0 +0$ 5 1-%+$,0 #02 .-'$' -$,%$ $,0 +$*58 6 . 5 %-5;%5 #'.,$ %-5 1# -.''-'.0-0#%!'+;*$ -0 6 4%-8 1%&-+ $ +$#0-.$,0-'$,0 50+'#0 6 #$,0 . 5 %-5 4%30 3- 1-$,0 ;0+$ 1%&"+;8 1,'2,'$,0 . 5+6 !'60 4%8;0 +02*#05 %-5 5'++04'-%$05 '-20$,0 0E'+$0-20 6 $,0 . 5 %-5 6 7%#' *+ 40%-+6 # '$+ %$$%'-40-$ 2 -9 +$'$*$0+ %-%$*#%!'-20-$'70 $ 4 #%!+'$ 4%8;0 2!%'405 $,%$ $,0#0 '+ -+:02'6'2 4 #%!'$8 1,'2,'2%-';0 $%*.,$

1(!"./1 &(&#%,3 &'/1%/'-20 $,0 5%8+ 6 !%$ %-5 #'+$ $!0 0$,'2+,%+;00-#0.%#505 '-$,0.0-0#%!' 2!%++'6'2%$' -6 3-1!05.0 %+ %;#%-2,6 :,'!+:,8 $+, *!5;0 #04049;0#05 , 1070# $,%$ $,0 +2 :0 6 :,'!+:,8 ,%+;00-.#%5*%!!8 #0+$#'2$05 %+:02'%!+2'0-20+,%70 %$$%'-05'-50:0-50-20 6 .0-0#%!+8+$04+ 6 $, *.,$ 0$ #'%+ $,0 +#0+$#'2$' -,%+;00-0$,'2+,%+ - $ 80$ +*2200505'-0+$%;!'+,9'-.'$+0!6 %+%-''-50:0-50-$ +2'0-20';*$ #04%'-+%! -.1'$,! .'2 40$%:,8+'2+ %-5 %0+$,0$'2+%+ -0 6 $,0 :%#$+ 6 :,'!+:,8 ,'+ 6%2$,%+ 50$0#4'-05 $,0 :!%20 1,'2,'0$,'2+,%+ ,0!5'-$,0 .0-0#%!' %##%-.040-$ 6 2 !!0.0 %-5 *-'70#+'$8 +$*5'0+ %-5''$+ %66'!'%$' -+1'$,' $,0# 50:%#$40-$+ 6 3-1!05.0 70-1,0-'$ '+ $%*.,$ '-:*;!'2 +2, !+%+ %6 :%#$ 6 .0-0#%!' 05*2%$' -'$+2 --02$' -1'$,':,'!+:,8 ,%+ ;00-07'50-$ # 4%-8 80%#+'-40#'2%-2 !!0.0+%2 *#+0'-0$,'2+ *+*%!!8 3-1-%+ 4 #%!':,'!+:,8 1%+ :#0+2#':$ -'+ +$'!' 2 4 4 -50-$+-%-5 $,'+ :#0+2#':$ -'+ +$'!' 2 4 4 -%!$, *.,'6%# 6# 4'%+ .0-0#%!' %+6 #40#!8 # $,0 %57%-20 6 0$,'2%!'-U*'#8 $,0 2! +0 '50-$'6'92%$' -6 0$,'2+1'$,':,'!+:,8 +-$ %57%-9$%.0 *+'6 #'$ +07'50-$ $,%$ %-8 2 4:#0,0-9+'70 %::#02'%$' -6 4 #%!' :#.#0++2%-';0+02*#05 -!8$,# *.,'%2U*%'-$%-20 1'$,'.0-0#%!',+$ #8 %-5 1'$,'+*2,'+*;&02$+%+ &02$+ 1'!! 5 *;$!0+%+$!0$# '$+6*$*#0 +$%$*+%+-%2%50 4'2 5'+2':!'-0

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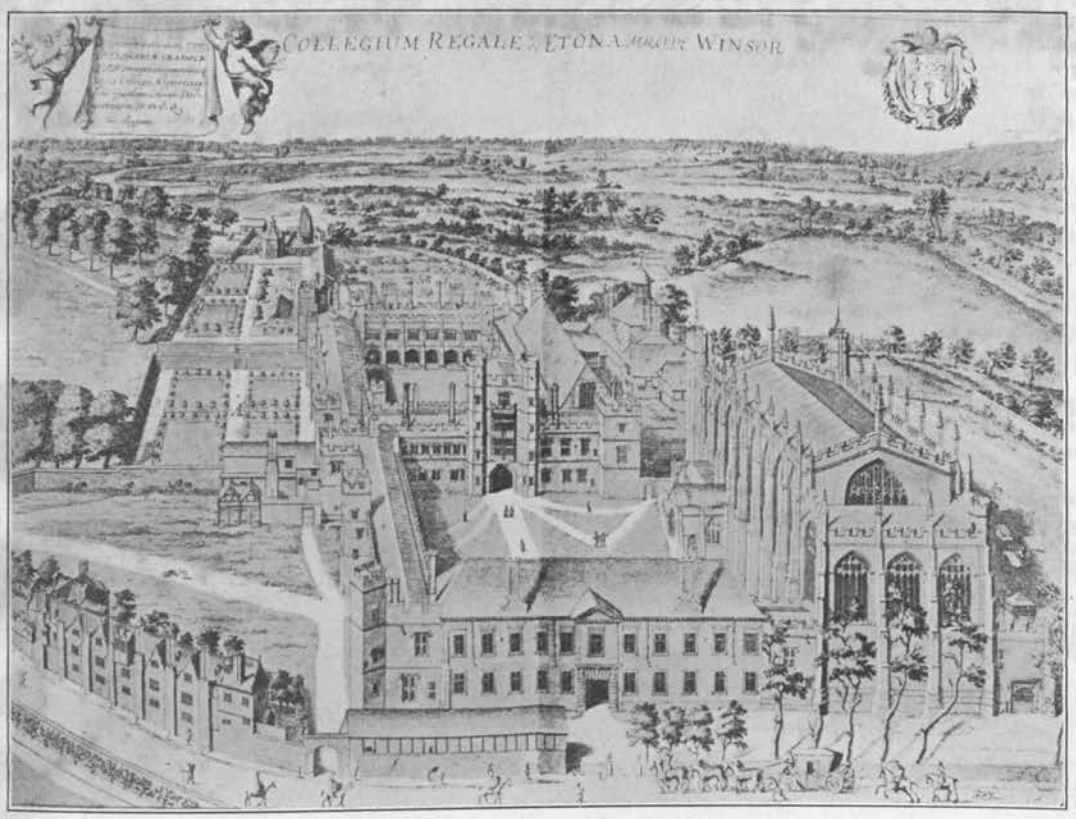
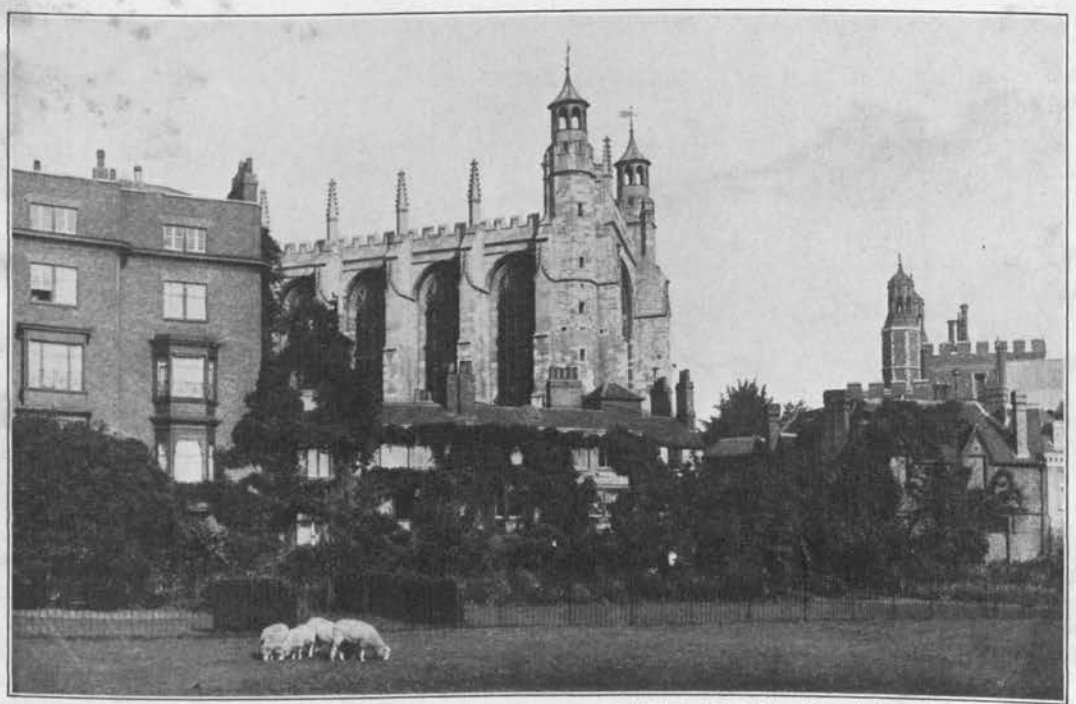
) ' / ' ,0 +2, !' 1,'2,'1%+ %$$%2,05 $ ' $,'+ 2 !!0.0 ' # 1,'2,' 6 #405 #%$,0#$,0 :#'-2':%! ;&02$'%-5'0-5' 6' $,0 2 !!0.0 '+ :# ;%;!8' $,0 .#0%$0+$%!'30' -'+'GO %-5'#0+*!$+ 1,'2,'$,0 1 #!5',%+ 80$+00- ' -' -.!%-5'1,'!0 4%-8 +2, !+%#0 2%!!05' # 8%!' %-5'5*;;05' # 8%!' 6 *-5%$' -+'$,'+' $,0 -!8' # 8%!' 6 *-5%$' -'-' $,0 6*!' +0-+0 ' $ - $ -!8' #020'705' # 8%!' #02 .-'$' -'-'$+ $'$!0' %-5'-' ;0'-.'0-5 105 *$ 6' - 4'-%!!8' # 8%!' ;*$ #0%!!8' :*;!'2': ++0+9 +' -+';*$ '$ 1%+ %2$*%!!8' ;*'!$ 1'$,' 4 -08+ *$ 6' $,0 :#'78':*#+0'%-5'0-5 105 1'$,'!%-5+ + 40 6' $,04 2 -6'+2%$05 $ ' $,0' # 8%!' :*#+0' ;*$' + 40 %!+ ';*.,$ *$ 6 '$;8' $,0 :0#+ -%!' 0E:0-+0 6 % 3'-. 8 !0$$0#+':%$0-$ 6 2$ >> >MMK '-. 0-#8 $,0-'0'.,$00- 80%#+ !5',%7'-.'&*+$ $%30- -','4+0!6 $,0 . 70#-40-$' R %+ % + #$ 6 6'#+$?6#*'$+ S $ ' R +, 1 !'30 ,'+ %-20+$ #+ ,'+ 507 $' -$ '$,0 ,*#2, S'6 *-505''-$,0 :%#'+,

2, *#2,’ 6‘ $ -‘ R‘ - $ 6%# 6# 4‘ *# ;’#$,9 :!%2O‘ S‘ ’-‘ ’-5+ #‘ R‘$,0‘ ’- .+‘ !!0.0‘ 6‘ *#0‘ %580‘ 6‘ $ -‘ ;0+850‘ 450+ #0‘ S‘ $ ‘ 2 -+’+$‘ 6‘% # 7 +$‘ $0-‘ :#’0+$+‘ H$,0‘ 60!! 1+F‘ 6 *# 2!0#3+‘ R‘ +’E‘ 2, #’+$0# ; 8+‘ 5%’!8‘ $ ‘ +0#70‘ %$‘ 5’7’-0‘ 1 #+,’:‘ %-5‘ $10-$8?6’70‘ : # %-5‘ -0058‘ +2, !%#+‘ $ ‘ !O%#-‘ .#%4 4%# $,0#O S‘ %-5‘ R‘$10-$bC?6’70‘ : # %-5‘ 5’+%;!05‘ 40-‘ $ ‘ :#%8‘ 6 # $,0‘ + *!+‘ 6‘ ,’+‘ 6%$,0# %-5‘ 4 $,0# %-5‘ %!!‘ ,’+‘ 6 #O6%$,0#+‘ %-5‘ %!!‘ $,0‘ 6%’6*!‘ 50:%#$05‘ ‹ %!+‘ ’ %‘ %+$0# # -6 #4%$ #‘ ’-‘ .#%4 4%# $‘ $0%2,‘ $,0‘ +%’5‘ -0058‘ +2, !%#+‘ %-5‘ %!!‘ $,0#+‘ 6# 4‘ %-&‘ :%#$‘ 6‘ -.!%-5‘2 4’-.‘$,0#0‘ 6 1’$, *$‘ 0E%2$’ -‘ 6‘ 4 -08‘ # %-&5,’-.‘ 0!+0 S‘ ,0‘ 2 !!0.0‘ 1%+‘ !’20-+05‘ $ ‘ , !5’ :# :0#$8‘ *:‘ $ ‘ $,0‘ 7%!*0‘ 6‘ >KKK‘ 4%#3+‘ Ha ‘ >J+‘ M5 F‘ %‘ 80%#‘ 0$&*’7%!0-$ ‘ %; *$‘ a □□□‘ % &"0%# - 1‘ %-5‘ $,0‘ # 7 +$‘ $1 ‘ 60!! 1+‘ 6 *# 2, #’+$0#+‘ $1 ‘ +2, !%#+‘ $1 ‘ 2!0#3+‘ $1 ‘ %!4+9 40-‘ 10#0‘ -%405‘ ’-‘ $,0‘ 2,%#$0#‘ , #$!8‘ %6$0#‘ -‘ 0; ‘ ‘ >MM>‘ ’-.‘ 0-#8‘ 6 *-505‘ %- $,0# 2 !!0.0‘ %$‘ %4;#’5.0‘ -’70#+’$8‘2 -9 +’+$’-.‘ 6‘ %‘ # 7 +$‘ %-5‘ $10!70‘ 2, !%#+‘ # 60!! 1+‘ ;8‘ $,0‘ -%40‘ 6‘ $,0‘ ’-.+‘ !!0.0‘ 6‘ $‘ ’2, !%+‘ ’ +‘ 2%!!05‘ ;02%*+0‘ $,0‘ 5%8‘ 6‘ $‘ ’2, !%+‘ 6‘ 8#%‘$,0‘ :# $ 6&=:0‘ 6‘$,0‘ ; 8?;’+, :‘ $,0‘ :%$# -‘ +%’-$‘ 6‘ +2, !; 8+‘ 1, ’+‘ +$’!!‘ 1 #+,’:::05‘ ;8‘ 2,’!5#0-‘ *-50#‘ $,0‘ -%40‘ 6‘ %-$%‘ !%*+‘ 1%+‘ 02‘ ‘ $,0‘ ’-.+‘ ;’#$,5%8‘ ,0#0‘ 1%+‘ ’-‘ $ -‘ 2,*#2,‘ ;06 #0‘ >MNQ‘ % 2,%-$#8‘ 6‘ $‘ ’2, !%+‘ %-5‘ ’$‘ ’+‘ U*’$0‘ : ++’;!0‘ $,%$‘ $,0‘ 2,%-$#8‘ :#’0+$‘ 6‘ $,’+‘ 2,*#2,‘ 1%+‘ %!+ ‘ %+‘ 1%+‘ 2 4 4 -‘ %‘ .#%4 4%# +2, !9 4%+$0#‘ ,’+‘ 4%8‘ ,%70‘ :%#$!8‘ +*..0+$05‘ $,0‘ 2, ’20‘ 6‘ $ -‘ 6 #‘ $,0‘ +’$0‘ 6‘ $,0‘ 2 !!0.0‘ +2, !‘ ,0#0‘ 1%+‘ %$‘ 6’#+$‘ - ‘ #.%-’2‘ 2 -9 -02$’ -‘ ;0$100-‘ $ -‘ %-5‘ $,0‘ %4;#’5.0‘ 2 !!0.0‘ ,0‘ ’4 405’%$0‘ 4 50!‘ 6‘ $,0‘ $1 ‘ 2 !!0.0+‘ 1%+‘ $,0‘ 2 !!0.0‘ +2, !‘ %$ ’.,%4‘ 0##0#+‘ ’-‘ #$,%4:$ -+,’#0‘ %-5‘ $,0‘ !!0.0‘ 6‘ !!‘ *!+‘ %$‘ E6 #5‘ 6 *-505‘ ;8‘ 0-#8‘ ,’2,0!08‘ #2,;’+, :‘ 6‘ %-$0#;*#8‘ 4<% %*6 0-#8+‘ . 56%$,0#‘ ’-‘ >MNN‘ %-5‘ >MJN‘ #0+:029 $’70!8‘ *$‘$,0+0‘ 10#0‘ -!8‘2 :’0+‘ -‘%+4%!!0# +2%!0‘ 6‘$,0‘$1 ‘2 !!0.0+‘ 6‘ $‘ %# 8‘6 *-505‘ ;8‘ ’!!’%4‘ 6‘ 830,%4‘ #5‘ ,%-20!! # 6‘ -.!%-5‘%-5‘ ’+, :‘ 6‘ ’-2,0+$0# %$‘ E9 6 #5‘$,0-‘%-5‘- 1‘2%!!05‘ 01‘ !!0.0‘ ’-‘ >JLP‘ %-5‘%$‘ ’-2,0+$0# ’-‘ >J)N‘ ’-‘ 1,’2,‘ ,’2,0!08‘ ,%5‘ #020’705‘ ,’+‘ 1-‘ 05*2%$’ -‘ ’-2,0+$0# !!0.0‘ 1%+‘ $,0‘ 6’#+$‘ 2 !!0.’%$0‘ 2,*#2,‘ 4<% %*’-‘ 1,’2,‘ ’-+$0%5‘ 6‘ 2,*#2,‘ +0#7’20+‘ 05*2%$’ -‘ 6 # ; 8+‘ 1%+‘ 4%50‘$,0‘6’#+$;&02$‘ 6‘$,0‘2 #9 : #%$0‘ ; 58‘ -‘ %#‘ Q‘ >MMK?>MM>‘ $,0‘ 6’#+$’ ’-+$%!!40-$‘ 6‘$,0‘0-5 140-$+‘1%+‘ .’70-‘ $ ‘ $ -‘ 2,’06!8‘ 2 -+’+$’-.‘ 6‘ !’0-‘ #’ #’0+‘ 4< %*% ‘ . 5‘ 4%-8‘ 6‘$,04‘ ,%5‘ ;00-‘ + !5’ # !0%+05‘$ ‘ .#0%$‘ :0#+ -+‘%-5‘ 0-#8‘ ,%5‘$ ‘ ;*8‘$,0+0‘$ ‘ .’70‘$,04‘$ ‘ ,’+‘2 !!0.0‘%+‘ ’!!’%4‘ 6‘ 830,%4‘%-5‘ ,’2,0!08‘ ,%5‘5 -0‘6 #$,0’# 2 !!0.0+‘ -‘ >MM>‘ 0-#8‘ 7’+’$05‘ ’-2,0+$0# $ ‘ +00‘$,0‘1 #3’-.‘ 6‘$,0‘+2, !’%-5‘%+‘%#0+*!$‘ 1,0-’ +$%#$’-.‘ $,0‘ +2, !‘ %$ $ -‘ :# ;%;!8‘ %; *$ ’2,%0!4%+‘ >MMJ‘ / ’$1 ‘ 80%#+‘ >MM>‘ $ ‘ >MMJ‘;0’-.‘04 :! 805‘’-‘;*’!5’-.‘$,0‘2 !!0.0

%-5‘+2, !‘ / ‘,0‘%:: ’-$H 5‘%+‘ # 7 +$‘ ’!!’%4‘ %8-6’0$0‘1, ‘,%5‘;00-‘,0%54%+$0# 6‘ ’-? 2,0+$0# 6 # 0!070-‘&"0%#+‘$ ‘ ’2,%0!4%+‘ >>M> - $,0# ’-2,0+$0# +2, !%#‘ ’!!’%4‘ 0+$? ;*#8‘2%40‘6# 4‘ 01‘ !!0.0‘$ ‘;0‘,0%54%+$0# ’-‘ >MMN‘ $%$*$0+‘ 10#0‘ 4%50‘6 # $ -‘ %-5‘ $,0‘ %4;#’5.0‘2 !!0.0‘ -‘ (*!&‘ >K‘ >MMJ‘’-‘$,0‘ +%40‘ 1 #5+‘ 1’$,‘ +4%!!‘ 0E20:$’ -+‘ %+‘ $, +0‘ 6 # ’-2,0+$0# %-5‘ 01‘ !!0.0‘ %-5‘ 6’70‘ +2, !%#+‘ -0‘ 0E?+2, !%#‘ %-5‘ -0‘ 2 4 4 -0# 6‘ ’-2,0+$0# 12?#0‘ %54 ’$$05‘ 0- -4.‘ $,0‘ 6’#+$ 0!070-‘+2, !%#+‘ 6‘ $ -‘ ‘ !%#.0‘ %‘ &F%#$‘ 5’5‘ ’-2,0+$0# :!%8‘ %$‘ "=$ -‘ $,%$‘ $,0‘ 6’#+$‘ $,#00‘ :# 7 +$+‘ $10!70‘ *$‘ 6‘ $,0‘ 6’#+$ $10-$&"?6’70‘ ,0%54%+$0#+‘ %-5‘ 0’.,$‘ 6‘ $,0‘ *+,0#+‘ # +02 -5‘ 4%+$0#+‘ %-5‘ :# ;%;!8‘ % . 5‘ 4%-&‘4 #0‘ 2%40‘ 6# 4‘ ’-2,0+$0#‘ ,0‘ +$%#$*$0!‘ 0-!%#.05‘ 0%2,‘ 2 !!0.0‘ $ ‘ $,0‘ +%40‘ +’G0‘ %0‘ ’-2,0+$0# %-5‘ 01‘ !!0.0‘ % F‘ $ ‘ %‘ 2# 7 +$‘ %-5‘ +070-$8‘ +2, !%#+‘ ;0+’50+‘ $,0‘ $0%‘ 60!! 1+‘ 1!*!0‘ %$‘ $ -‘ $,0#0‘ 10#0‘ %!+ ‘ %5505‘ ’-B ’4’$%$’ -‘ 6‘ ’-9 2,0+$0#‘ $10-$8‘ 44 4=#+‘ 4(* 1,‘ 10#0‘$ ‘ ;0‘ + -+‘ 6‘ ’’ ;!0- 4‘ [#‘ +&’02’%!‘ 6#’0-5+‘ 6‘$,0‘2 !!0.0‘ %-5‘$,’#$00-? *$+’50‘ +2, !%#+‘ 6‘$,0‘3’-5‘3- 1-‘ %6$0#1%#5+‘ %+‘ +0#?? 7’$ #+‘ 1,‘ . $‘$,0’# 05*2%$’ -‘ %-5‘ ; %#5‘ ’-‘ #0$*#-‘6 # %2$’-.‘%+‘ +0#7%-$+‘$ ‘$,0‘60!! 1+‘%-5‘ ,0%54%+$0#‘ 0-206 #$,‘ ’-.+‘ !!0.0‘ %49 ;#’5.0‘1%+‘$ ‘ ;0‘0E2!*+’70!&? 4%--05‘6# 4‘$,c‘ R‘ !!0.0‘ ’%!!‘S‘ 6‘ $ -‘%+‘ 01‘ !!0.0‘ E6 #5‘1%+‘6# 4‘ ’-2,0+$0# !!0.0‘ - #9 4 *+‘ +*4+‘ 10#0‘ +:0-$‘ 2,’06!8‘ *$‘ 6‘$,0‘ #070-*0+‘6‘$,0’5*2,&‘ 6‘ %-2%+$0#‘ -‘;*’!5’-.‘ %-5‘ #0;*’!5’-.‘ -‘ %-‘ 070#?’-2#0%+’-.‘ +2%!0‘ $,0’2 !!0.0‘%-5‘:%#$’2*!%#!8‘$,0’2,*#2,‘6‘ $ -‘ *$‘ ’$‘ #04%’-05’*-6’-’+,05‘ ,0-’ ’-‘ >MQN‘$,0‘ 6’#+$‘ %$$%23‘ 6‘ ’-+%-’$8‘ 60!!‘ -‘ 0’[&? *#’-.‘$,0‘ %#+‘ 6‘$,0‘ +0+‘% .#0%$‘ :%#$‘ 6‘$,0’0-5 140-$‘1%+‘$%30-‘%1%8‘;8‘ 51%#5‘ ‘%-5‘’-‘>MKJ‘;8‘ %:%!‘ *!!‘$,0’2 !!0.0‘1%+‘ %--0E05‘$ ‘ $‘ 0 #.0&+‘ ’-5+ #’%-5‘6 #+ 40‘ 6 *#‘ # 6’70‘ 80%#+‘$,0‘+2, !‘ 20%+05‘ -‘ >MOL‘ ‘$‘ 1%+‘ #0+$ #05‘;8‘$,0‘ 066 #$+‘ 6‘ 0+$;*#8‘ %-5‘ %8-6’0$0‘$,0-‘ ’+, :‘ 6‘ ’-2,0+$0#‘ 1’$,‘ 51%#5‘ ‘%+‘6 *-50#‘’-+$0%5‘ 6‘ 0-#&"‘ ‘$, *.,’+’-20‘$,0‘5%8+‘ 6‘$,0‘ *5 #+‘ 0-#8‘ ,%+‘ ;00-‘ #0’-+$%$05‘ ,0‘ #070-*0+‘ 10#0‘ + ‘5’4’-’+,05’$,%$‘$,0‘:# 7 +$‘ . $‘aJK‘% 80%#‘ ’-+$0%5‘ 6‘aLQ‘%-5’$,0‘,0%54%+$0#‘a>K‘’-+$0%5‘ 6‘a>0‘ %-5‘ $,0#0‘ 10#0‘ -!8‘ +070-‘ 60!! 1+‘ ’-+$0%5‘ 6‘$0-‘ ,’+‘:0#,%:+‘,%+$0-05‘#%$,0# $,%-‘ #0$%#505‘$,0‘ 5070! :40-$‘ 6‘ $,0‘ +2, !‘ ’-$‘ %‘ .#0%$‘ :*;!’2‘ +2, !‘6 #‘$,0‘*::0# 2!%++0+‘ %-5‘$,0‘%#’+$ 2#%28‘1, ‘1,’!0‘:%&-.‘- $,’-.‘ 6 #‘$,0’# 05*2%$’ -‘ %+‘ $,0‘ +2, !‘ 1%+‘ % 6#00‘ .#%4 4%# +2, !‘ :0-‘1’$, *$‘ $*’$’ -‘ 600+‘$‘ %!!‘ 2 40#+‘ :%’5‘ !%#.0‘ +*4+‘6 #‘ ; %#5’-.‘ ’-‘ $,0‘, *+0+‘ 6‘$,0‘60!! 1+‘%-5‘ ’-‘$,0’$ 1-‘ 6‘ $ -‘1,0-20‘$,08‘2%40‘$ ‘;0‘2%!!05‘ : :’5%-+‘ +’ %$‘ ’-2,0+$0#+‘ %$‘ $ -‘$,0‘R‘ : #%-5‘ -0058‘S‘ +2, !%#+‘10#0‘+2’ -+‘6# 4‘$,0‘6’#+$ 6‘ $,0‘:# 60++’ -%!‘0!%++0+‘%-5‘$,0‘2 *-$#8‘.0-$#&?‘ #0!%$’ -+‘ 6‘&*5.0+‘%-5’2’7’!+0#7%-$+‘%-5’10!!? $?5 ‘:0 :!0‘ 1,’!0‘%+‘0%#!8‘%+‘ >QNP‘ ’2,%#5’ #5‘ #08‘ 6‘ *$,8-‘1%+‘%$‘$,0‘+2, !‘:# ;?



LOGGAN'S VIEW OF ETON COLLEGE (1688).



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ETON COLLEGE. (FROM THE SOUTH.)

%;!8%+%2 4 4 -0#%-5%8 *-.% +$ -6$,0 6%4'!8 6 $,0 %+$ -!0$$0#+%+%- : :'5%-H%; *$ >MLPF

,0 0%#!'0+$'-5'2%$' -6$,0 -*4;0# 6$,0 : :'5%-+1, #%$,0# $,%-$,0 +2, !%#+,%70 4%50$,0 +2, !4%4 *+'+'-$,0 1'!6 # 9 7 +$ *:$ -:# 7 +$6# 4>QKM$ >QMK +$ 6$,0 2 !!0.0 ;*'!5'-.+%-5$,0 1, !0 6$,0 .#0%$ U*%5#%-.!0 0E20:$ $,0 2,%:0!10#0 ;*'!$;8,'4 #'-,'+$'40 '#+$ 2%40 '-> QKJ? >QKM W -.,%4;0# S'-'1,'2,'%!!$,0+070-$8 +2, !%#+!0:$'-0 !-.# 4'-1 2*$*:' '-$'+0:%#%$0# 4+'%-5 1,'2,

S -$#'705'%5 *;!0 50;$'$':%8 05# 4+;8'-'.,$%-5'!'7-.?# 4+;85%8 S

0E$'%; *$ >Q>N'%-01'-1 !5 # 10# 2, !''-'>Q>Q $,0 2,%-$#8 -'$,0 -#$,'+'50 6$,0 2,*#2,'3-1-'%+ *:$ -+2,%-$#8' '-1,'2,',0 %-5 4%-8 !%$0# :#7+$+'!'0 ;*#'05'%-5''-'>Q>L $,0 # 7 +$+'5.'-.+ %-5$,0 .#0%$ #05?;#'23 20-$#%!$ 10# 2%!!05 *:$ -+ 10#' 8','+'1'!!' 0;' NJ'>QMK' *:$ -'.%70 R%,*-5#0$,2,'!5#0-' 6$,0$ 1-' 5'% :'020 S' ,0#0'+'-' $,0#' -5'2%$' -'6 -*4;0#+$'!!$,0 6'#+$ 0E$%-$+2, !'!'+$'$,%$6 # >OL)'1,0-$,0#0 10#0 NKL';8+''-2!*5'-.'$,0 2, #'+$0#+' -!8 -0 1%+%- ;!04%-'$,0 2 $2,'%#!' 6 $'#!'-.'%-5$,0#0 10#0$,#00 ;%# -0$+' '# ;0#$ %!:!0'$,0 6'#+$ $ -9 '%-' #'40 '-'+$0#'1%+%2!!0.0#'%-5 1%+ -'$,0'!! 6 '-.+ !!0.0'-'>OPQ' -'$,0 -0E$+2, !'!'+$'$,%$6 #'>L>)'$,0 -*4;0#+,%5 #'+0-'$'JPP',0 6'#+$ '!!'%4'$$'%6$0#9 1%#5+ %#!' 6 ,%$,%4'1%+$,0#0''-'>L>L ,0 -*4;0#+%-3%.%'-'$'NMM'-'>LMQ'10-$ *:'$'MK)'-'>LOO' 6 1, 4'QK 10#0 + -+ 6 :00#+'5 1-'$'NJK'-'>LLK %6$0# %#0;0!!'-' '-'1,'2,'>QO ;\='!06$'$,0 +2, !'-2!*5'-.' % 6*$*#0 #'40 '-'+$0#' '!!'%4' #0-8'!!0' 1,'1%+ +0-$;%23';8,'+6%$,0# $';0 6! ..05 %-5 0E:0!!05' -'>)JO $,0 -*4;0#+ +$ 5 %$ MMM'1,'!0 $0-' 80%#+!%$0# $,08 10#0 LLL'-' >)P>'>KKL'%-5''-'>PK)'>KMQ

6$,0 2*##'2*!*4 6$,0 +2, !-'70#8 506'-'$0 '-6 #4%$' -'+6 #$,2 4'-.';06 #0 $,0 +'E$00-$,' 20-$*#8' *$ 10 3-1'$,%$' 2 -+'+$05 '-'$,0 +$*58 6$,0 %$'-'2!%++'2+ %-5$,0 1#'$'-.' 6 %$'-'70#+0+6# 4'$,0#02 #5 6%:%8 40-$ 6'#'-'>MLM R6#$,0 ;'-5'-.' 6%+2, !?; 3'7'G 7'5 S'%-5 6# 4'%!0$$0# 6 '!!'%4' %+$ -''-'>MLP'-'1,'2,',0 .'70+%+:02'40-' 6 ,'+70#+'689 '-.' -' M)O%+2, !0#.'!1%+#02 70#05 1,'2,', %5 ;'=2-'6*#$'70!8 $%30-'%1%8'%:'%#0-$!8;8%5'+4'++05 ,0%54%+$0#' -'>QN)$,0 R #4'#50# %-5*+%.0 $%*.,$'-'$,0 #%4 4%# 2, !'%$ $ -'S' 1%+5'#02$05 $';0 6 !! 105'-'$,0 6#00 .#%4 4%# +2, !'%$ *236'2!5' *++0E'0-!%#.05'-'$,%$ 80%# %-5$,0 R #4'S'+'%--0E05 $';0 2*##'2*!*4'-'+'E 6 0-5 1 4 0-$' $'.'70+$,0 2*##'2*!*4'-'+'E 2!%++0' ,0 6'#+$ 2!%++' !0%#-$ $%-;#'5.0 3 "0 '-'-.!'+,%-5' 5'5 R+4%!' %-5 0%+8 %$'-+S' ,0 +02 -5'5' %$ 6$,0 $,'#5'%-5 6 *#$,' 0#0-20 %-5 #%+4*+ <0 6$,0 6'6$,'%-5 +'E$,

0#.'!' %!!*+$' #%20'%-5 7'5' ,08 %!' 1# $0 %$'-' :# +0 %-5 70#+0' #003 '+ 40-$' -05' *$ % !'$$!0 0%#!'0# $,0 0 6 '!!'%4' #4%-4<% %*6 ,0%54%+$0# 6 $ -' >M)Q?>MPQ %-5'%6$0# %-''-$0#7%!' %$ '-2,0+$0# %+ ,0%54%+$0#' >MPQ?>QK>'60!! 1'%-5 7'209 :#7+$ 6 $ -':*;!'+,05''-'>Q>P'.'70 07'9 50-20 6 #003 ;0'-.'$%*.,$ $,0#0< %-5 '# , 4%+ :0'6 *-50# 6 #'-'$8 !!0.0' E6 #5'1#'$'-.''-'>QQO'+%8+ #003 1%+'$%*.!'$ %$ $ -'1,0-',0 1%+% ; #003 22*#+''-' $,0 $'40?$%;!0 +0-$;8 #' E' ,0%54%+$0# '-'>QJK'$' %66# -' %!50-' 2, !' -' ++0E' 70-''-'$,0 $'40?$%;!0 6 %!'4' ,0%54%+$0# '-'>QO>' #003 .#%4 4%# 1%+ -!8 !0%#-05';8 $,0 $1 ,'.,0+$6 #4+' %-5' %-5 - ' #003 %*$,#+' %#0 40-$'-05' $ '+ -$ $'!!+ 40 -$0+' 6 -$, -8 Q 5+' 4%50 %; *$ >OOP $,%$ 04 +$,0-0+' 40# %-5 R Z0-:, -'S'%::0%# %4 -.'$,0 %*$, #+' #0%5' $'$,%$ $'40 #003 :# +0 1%+':#%2$'205 ;8 $#%-+!%$' -+ *$ 6 %$'-''-$' #003' -' >LOQ #'(%40+ $'40?$%;!0 +, 1+ $,%$ $,0 'E$,' #4' $#%-+!%$05' 40# '-$' %$'-' 70#+0' ,0 2#'$*+' #'+$:,%-0+' %-5 #003 :!%8+ 10#0 #0%5 %$'-' 70#+0+ 10#0 +$'!!' $,0 2,'06 ;&02$' #0-2,'1%+$%*.,$ *$ 6'+2, !' %+ 1%+ %!+' 5#%1'-.' $' 1%+ - $ $'!!' >)Q>' $,%$' 4%$,04%$'2+ 1%+ 4%50 % :%#$ 6' $,0 #0.*!%# +2, !'1 #3' -# $'!!' >)OP $,%$' -%$*#%!' +2'0-20 1%+'-$# 5*205' %-5' $,0 4%$,04%$'2%!' +2'0-20' %-5' #0-2,'4%+$0#+ 10#0 #%'+05' $' $,0' +%40 +$%$*+' %+ $,0 2!%++'2%!' 4%+$0#+' -50# #' %##0 H>))M?>PKQF'$,0 *-'$8 6'$,0 +2, !' 1%+ +*:: +05' $' ;0':#0+0#705';8'%2 4 4*-'$8 6 ; -5%.0 $' $,0 #003 0+$%40-$' ;0'-.' #0%5';8'%!!6 # -0', *#070#8 -5%8'4 #-'-.' 1' *-50# #' 51%#5 8$$0!$ -''$' +' : +9 +';!0'$' ;0'%54'$$05'$' $ -'1'$, *$'R'2 4:*!9 + #8 #003 S'%-5'$':%+'$,# *.,'$'1'$,' 0#4%-' -+$0%5 6 #003'-'$,0 #48 !%++'/'% #%$,0# #020-$ %55'$' -' $' $,0 +2, !'1,'2,':# 5*205 $,0 *30 6 0!!'-.$ -'%-5 %#!' ;0#$+''-' $,0 #0.*!%# 2!%++'2%!' 4'!!' ,0 #48 !%++0+ -*4;0# 70# >KK ;8+ !%++'2+ +$'!!' :#09 5 4'-%$0')M *$ 6$,0 6'#+$ NMK';8+'+:02'%!9 'G'-.' '-' 2!%++'2+ 1,'2,' -1' -2!*50' ,1070# #0-2,' -.!'+,',+$ #8'%-5' -.!'+,'!'$0#%$*#0' %+ 10!!' %+ 4%$,04%$'2+ %-5' 2!%++'2+ :# :0# $' 1%+ 6'2 *#+0' %!';0! 1,0-' *E!08 +%'5 $,%$' $ -' -!8 $%*.,$. 5' 4%--0#+ %-5' % .0-$!04%-!8 :# 6'2'0-28' -' 2#'230$' $' '+ - $ 070-' 20#$%'-' 1,0$,0# '$+' 2*!$'7%$' -' 6' 2#'230$ /'$' *+0' $,0' 1 #5' %+' -2!*5'-.' .%40+ %-5 +: #$+''-'.0-0#%!' /''+5*0'$''$+';0'-.'$,0 +2, ! 6$,0 %#'+$ 2#%28' # 1,0$,0# '$' +' $,0 +2, ! 6$,0 %#'+$ 2#%28' ;02%*+0' 6 '$+' 2*!$'7%$' -' 6 2#'230$' $' 1%+%!1%8+$'$%!%#.0 0E$0-$'$,0 +2, ! 6$,0 2 *#$' ;02%*+0' 6$,0# 8%!' :%$9 # -%.0 0E$0-505' $''$'%-5''$+' -0'.,; #, 5' $' '-5+ #%-5'$' -5 -' ;*$*-$'!$,0+02 -5 ,%!6 6$,0 0'.,$00-$,' 20-$*#8'$ 1%+ !0+ $,0' +2, ! 6'$,0 %#'+$ 2#%28'-'.0-0#%!' $,%-' -9 2,0+$0# '-'$,0 +070-$00-$,' #$,%-' 0+$4'-+$0#' -' $,0 0'.,$00-$,' 20-$*#8' $;02%4 0' :#09

04'-0-$!8ʼ $,0ʼ +2, !ʼ 6ʼ $,0ʼ %#'+$ 2#%28ʼ ;09 2%*+0ʼ 6ʼ $,0ʼ ;0%*$8ʼ 6ʼ '$+ʼ +'$0ʼ $,0ʼ +*:0#' #'$8ʼ 6ʼ '$+ʼ ;*'!5'-.+ʼ %-5ʼ $,0ʼ 2,%#4ʼ 6ʼ '$+ʼ+:%2' *+ʼ :!%8'-.ʼ 6'0!5+ʼ ;*$ʼ 2,'06!8ʼ ;02%*+0ʼ -ʼ$,0ʼ 1, !0ʼ $,0ʼ ; 8+ʼ 10#0ʼ 4*2,ʼ ;0$$0# $#0%$05ʼ $,%-ʼ %$ $,0#+2, !+ʼ ,0ʼ+8+$04ʼ 6ʼ5%40+, *+0+ʼ,%5ʼ %!#0%58ʼ ;0.*-ʼ '-ʼ >QO>ʼ 1,0-ʼ %!'4ʼ+%8+ʼ$,%$ $,0#0ʼ 10#0ʼ4 -'$ #+ʼ%$ 0%2,ʼR', +$'+0+ʼS'H, +$9 0++ʼ F , *+0ʼ R'ʼ +$:ʼ 2,'5'-.ʼ # 1#%-.!'-.ʼ %-5ʼ $ʼ 0-6 #20ʼ $%!3'-.ʼ %$'-ʼS' ,0ʼ , *+0+ʼ ;0'-.ʼ 6ʼ 4 50#%$0ʼ +'GO ʼ %-5ʼ 30:$;8ʼ !%5'0+ʼ 4*2,ʼ !0++ʼ ;%#;%#'+4ʼ 6! *#'+,05ʼ $,0#0ʼ $,%-ʼ '-ʼ -.ʼ ,%4;0# %$ $ -ʼ # %$ 0+$4'-+$0# #$,0ʼ 4*2,ʼ 4 #0ʼ ;%###%23?!'30ʼ 44 -0#+ʼ%$ '-2,0+$0# #ʼR'+2, !, *+0ʼS'%$ *.;8 +ʼ0%#!8ʼ%+ʼ >QKOʼ $,0ʼ6%4 *+ʼ:!%8'-.ʼ6'0!5+ʼ :!%8'-.ʼ 40%5+'ʼ #ʼ:!%8'-.ʼ!00+ʼ%+ʼ$,08ʼ10#0ʼ %$ʼ6'#+$ %-5ʼ 4 #0ʼ:# :0#!8ʼ2%!!05ʼ+'-20ʼ$,08ʼ 10#0ʼ.#%++ʼ40%5 1+ʼ%-5ʼ-ʼ$ʼ6'0!5+ʼ % ⅋ %#%;!0ʼ !%-5ʼ 22*#ʼ '-ʼ $,0ʼ %22 *-$+ʼ 06 #0ʼ $,%$ $,0#0ʼ 1%+ʼ !'$$!0ʼ0-2 *#%.040-$ 6ʼ.%40+ʼ%-5ʼ $,0ʼ -!8ʼ6 #4+ʼ 6ʼ0E0#2'+0ʼ10#0ʼ% 4%#2,ʼ *$ʼ $ʼ -$04ʼ!%$0#3- 1-ʼ%+ʼ %!$ʼ '!!ʼ%,'!!ʼ %; *$ʼ% 4'!0ʼ6# 4ʼ$,0ʼ2 !!0.0ʼ 1'$,ʼ+:02'%!ʼ *$'-.ʼ6 # .0$$'-.ʼ4%8ʼ -ʼ %8ʼ %8ʼ%-5ʼ .%$,0#'-.ʼ-*$+ʼ'-ʼ 0:$04;0#ʼ '$$!0ʼ6ʼ0'$,0# 2*!5ʼ;0ʼ.%$,0#05ʼ;8ʼ$,0ʼ+2, !-1ʼ ;*$ʼ $,0ʼ+%40ʼ$'40ʼ$,0ʼ;8+ʼ;0.%-ʼ$ʼ:0#6#4ʼ :!%8+ʼ% %$'-ʼ:!%8ʼ:#0+0-$05ʼ;8ʼ$,0ʼ4%+$0# %$,#'+$4%+ʼ1'$,ʼ% !'$$!0ʼ!%$0# %-ʼ -.!'+,ʼ :!%8ʼ:#0+0-$05ʼ;8ʼ$,0ʼ*+,0#ʼ # 4ʼ #4%-⅋ 0 ʼH>Q>PFʼ 10ʼ.%$ʼ$,0ʼ;8+ʼ !0%#-05ʼ$ʼ+1'4ʼ%-5ʼ:!%8ʼ6 $;%!!ʼR'1'$,ʼ%ʼ;%!!ʼ 6*!!ʼ 6ʼ 1'-5S'U* '$+ʼ %-5ʼ $0--'+ʼ #'230$' 50+ʼ-$'%:0%#;06 #0ʼ$,0ʼ#0'.-ʼ6ʼ !'G%;0$,ʼ %-5ʼ$,0-ʼ%+ʼ%$ 1-ʼ.%40ʼ%$ *'!6 #5'-ʼ *##08ʼ 8ʼ !'G%;0$,⅋+ʼ #0'.-ʼ -$04ʼ,%5ʼ+*-3ʼ'-$ʼ %-ʼ%--*%!ʼ20!0;#%$'-ʼ%$ 1,'2,ʼ-01ʼ;8+ʼ10#0ʼ '-'$'%$05ʼ1'$,ʼ%2$*%!ʼ%-5ʼ $$'2ʼ+%!$<ʼ%-5ʼ %6$0#1%#5+ʼ ;02%40ʼ% 4 23?4'!'$%#8ʼ4%#2,ʼ %$ʼ 1,'2,ʼ$,0ʼ+%!$ $ 3ʼ$,0ʼ6#4ʼ 6ʼ.*'-0%+ʼ 2!!02$05ʼ6# 4ʼ:%++0#+?;8ʼ%-5ʼ$,+0ʼ1,ʼ2%40ʼ $ʼ+00ʼ$,0ʼ6*-ʼ6#$,0ʼ;0-06'$ʼ6ʼ$,0ʼ2%:$%'-ʼ 6ʼ $,0ʼ +2, !ʼ $,0ʼ ,0%5ʼ2 !!0.0#ʼ ;0#$ʼ 8!0ʼR'6%$,0#ʼ 6ʼ2,04'+$#8ʼ%-5ʼ*-2!0ʼ 6ʼ$,0ʼ %#!ʼ 6ʼ #3 5ʼ1,0-'%$ $-'%; *$ʼ>OJKʼ:!%805ʼ %$ʼ $:+ʼ%-5ʼ;%!!ʼ%-5ʼ1%+ʼ.'70-ʼ+100$+ʼ;8ʼ$,0ʼ :# 7+$ʼ -ʼ >LOQʼ2#'230$ʼ6'70+ʼ%-5ʼ$0--'+ʼ %#0ʼ $,0ʼ :#'-2':%!ʼ.%40+ʼ 40-$'-05ʼ'-ʼ$,0ʼ -0 ʼ ;%$$!05 #0ʼ %-5ʼ +,*$!02 23ʼ :0.?$:+ʼ , :?+2 $2,ʼ4%#;!0+ʼ, :+ʼ:*++?'-?$,0?2#-0#ʼ ,*-$?$,0?,%#0ʼ%-5ʼ2,*23?6%#$,'-.ʼ%#0ʼ %!+ʼ 40-$'-05ʼ $ʼ'+ʼ% 5'+:*$05ʼ:'-$ʼ'-2%:%;!0ʼ 6ʼ506'-'$0ʼ+!*$'-ʼ1,0$,0#ʼ1,0-ʼ #%8ʼ'-ʼ,'+ʼ ʼ ʼ ʼ, ʼ+ (ʼ /ʼ ʼ 6 1#'$$0-ʼ >LMNʼ%+3+ʼR'1,ʼ2,%+0ʼ$,0ʼ#!!'-.ʼ2'#2!0⅋+:005ʼS' ,0ʼ40%-$ʼ1, ʼ; 1!+ʼ, :+ʼ #1, ʼ#*-+ʼ%6$0# $,0ʼ2#'230$ʼ;%!!ʼ ,0+0ʼR'1, ʼ*#.0ʼ$,0ʼ6!8'-.ʼ ;%!!ʼS'10#0ʼ-ʼ5 *;$ʼ$,0ʼ6 $;%!!ʼ:!%80#+ʼ $ʼ 1%+ʼ-$ʼ$'!!ʼ$,0ʼ-'-0$00-$,ʼ20-$*#8ʼ$,%$ʼ$,0ʼ :!%8'-.ʼ6ʼ2#'230$ʼ;02%40ʼ%ʼ2*!$ʼ%-5ʼ#1'-.ʼ %ʼ :# 60++'-ʼ ,0ʼ6#40#;0.%-ʼ1'$,ʼ$,0ʼ 4%$2,0+ʼ%.%'-+$ %## 1ʼ 2, !ʼ6'#+$ +$%#$05ʼ '-ʼ >)NNʼ%-5ʼ%.%'-+$ '-2,0+$0# !!0.0ʼ '->)NOʼ%-5ʼ+$'!!ʼ:!%805ʼ%--*%!!8ʼ$,0ʼ!%$$0# +'-20ʼ>)QMʼ%$ʼ '-2,0+$0#ʼ%-5ʼ $ -ʼ%!$0#-%$0!8ʼ $,0ʼ6#40#ʼ%$ #5⅋ʼ#'230$ # *-5ʼ -5 -ʼ %$'-.ʼ%+ʼ%:# 60++'-ʼ%-5ʼ-$ʼ%40#0ʼ%4*+09 40-$ʼ;0.%-ʼ1'$,ʼ#%20+ʼ%.%'-+$ 0+$4'-+$0# 2, !'-ʼ>)NOʼ%-5ʼ2 -$'-*05ʼ$'!!ʼ>)M)ʼ1,0-ʼ $,0ʼ ,%40+ʼ+$0%4; %$+ʼ +$:05ʼ 0+$4'-+$0# # 1'-.ʼ '-20ʼ$,0-ʼ 0-!08ʼ 0.%$$%ʼ,%+ʼ;00-ʼ $,0ʼ ;&02$ʼ 6ʼ$,0ʼ $-ʼ0'.,$ʼ ,*.,ʼ+ 40ʼ $,0#ʼ+2, !+ʼ+*2,ʼ%+ʼ 056#5ʼ %5!08ʼ%-5ʼ $ʼ%+4%!ʼ0E$0-$ʼ '-2,0+$0#ʼ%-5ʼ ,0!$0-,%4ʼ - 1ʼ# 1ʼ$,0ʼ E6#5ʼ%-5ʼ %4;#'5.0ʼ; %$ʼ#%20ʼ +$'!!ʼ 50:0-5+ʼ2,'06!8ʼ -ʼ 1,'2,ʼ*-'70#+'$8ʼ'+ʼ 6#$,0ʼ$'40ʼ6%7#05ʼ;8ʼ$,0ʼ $-ʼ %#+40-ʼ $ʼ6 $;%!!ʼ $-ʼ,%+ʼ$1ʼ.%40+ʼ6ʼ'$+ʼ 1-ʼ R'%$ʼ $,0ʼ %!!ʼS'$,0ʼ.#%-5ʼ 4%$2,ʼ ;0$100-ʼ !!0.0#+ʼ%-5ʼ ::'5%-+ʼ;0'-.ʼ:!%805ʼ -ʼ 7ʼ JKʼ%-5ʼ$,0ʼ6'0!5ʼ.%40ʼ1,'2,ʼ'+ʼ -0ʼ 6ʼ$,0ʼ 0!040-$+ʼ6# 4ʼ 1,'2,ʼ$,0ʼ ++ 2'%$'-ʼ.%40ʼ 1%+ʼ 5070!:05ʼ%$ʼ E6#5ʼ ʼ *.;8ʼ6 $;%!!ʼ $0%4ʼ%-5ʼ%-ʼ ++ 2'%$'-ʼ$0%4ʼ%#0ʼ- 1ʼ+$%#$05ʼ 6#+40ʼ'-$0#+2, !ʼ4%$2,0+ʼ 0--'+ʼ,%+ʼ 5'+%::0%#05ʼ %230$+ʼ#0'.-+ʼ'-ʼ'$+ʼ+$0%5 *$ʼ.#0%$ʼ%+ʼ$,0ʼ:%#$:!%805ʼ;8ʼ.%40+ʼ,%+ʼ ;00-ʼ'-ʼ4%3'-.ʼ$,0ʼ $-'%-ʼ%-5ʼ$,0ʼ -.!'+,ʼ :*;!'2ʼ+2, !ʼ+8+$04ʼ'$'+ʼ%6$0#ʼ%!!ʼ$ʼ$,0ʼ0E9 20!!0-20ʼ6ʼ'$+ʼ$0%2,'-.ʼ$,%$ $ -ʼ,%+ʼ 105ʼ '$+ʼ :+'$'-ʼ 70-ʼ'-ʼ$,0ʼ5%8+ʼ1,0-ʼ 0%$0ʼ H2ʼ>)JKFʼ:#0$0-505ʼ$ʼ$0%2,ʼ>P)ʼ;8+ʼ'-ʼ -0ʼ 6#4ʼ$,0ʼ!0++ -+ʼ;0'-.ʼ 6$0-ʼ'-$0##*:$05ʼ;8ʼ +'-.'-.ʼ%-5ʼ$,# 1'-.ʼ:%:0#ʼ:0!!0$+ʼ #ʼ070-ʼ +$ -0+ʼ $,0ʼ *$?6?+2, !ʼ$0%2,'-.ʼ;8ʼR'48ʼ $*$ #S'1%+ʼ4 +$ʼ066'2'0-$6#$, +0ʼ1,ʼ2, +0ʼ $ʼ!0%#-ʼ %-8ʼ6ʼ$,0ʼ$*$#+ʼ'-+:'#05ʼ'-ʼ$,0ʼ ;8+ʼ%6%#4#0ʼ!%+$'-.'!70ʼ6ʼ!0$$0#+ʼ%-5ʼ% 4#0ʼ06602$'70ʼ+$'4*!%-$ʼ$,%-ʼ$,0ʼ4#0ʼ#50#05ʼ %-5ʼ+8+$04%$'2ʼ2 4:*!+ʼ -ʼ 6ʼ2!%++ʼ$0%2,'-.ʼ ,0ʼ-%40+ʼ6ʼ 0#.0ʼ%--'-.ʼ#'40ʼ '-'+$0#'-ʼ>)NL'$,0ʼ %#U*0+ʼ 0!!0+!08ʼ 70#-#?0-9 0#%!ʼ6ʼ-5'%ʼ6ʼ !%5+$-0ʼ$,#00ʼ$'40+ʼ#'40ʼ '-'+$0#ʼ%-5ʼ #5ʼ,'06ʼ(*+$'20ʼ !0#'5.0ʼ%+ʼ 04'-0-$ʼ'-ʼ!0%#-'-.ʼ'-ʼ$,0ʼ+2, !ʼ4%.%G'-0+ʼ %-5'$,0ʼ+2, !ʼ50;%$'-.'+ 2'0$8ʼ2 44 -!8ʼ2%!!05ʼ Rʼ: :S'%+ʼ$,08ʼ10#0ʼ'-ʼ%6$0#!'60ʼ'-ʼ$,0ʼ *+0ʼ6ʼ 44 -+ʼ #$,0ʼ!%1ʼ2 *#$+ʼ%#0ʼ%! -0- *.,ʼ $ʼ+, 1ʼ$,%$ʼ -0JKʼ $-'05*2%$'ʼ -ʼ1%+ʼ-ʼ;%5ʼ -0 ,0ʼ%570#$'+0 40-$ʼ$,*+ʼ#020'705ʼ6# 4ʼ'$+ʼ $0-ʼ:#'40ʼ4'-'+$0#+ʼ'$+ʼ$10-$8?$1ʼ. 70#-#? .0-0#%!+ʼ6ʼ -5'%ʼ%-5ʼ'$+ʼ'--*40#%;!0ʼ2%;'9 -0$ʼ4'-'+$0#+ʼ%$$#%2$05ʼR'ʼ$,0ʼ$,%-0+S'%-5ʼ$,0ʼ $,%-0+ʼ%$$#%2$05ʼ$,0ʼ#0+$ʼ -ʼ$,0ʼ1, !0ʼ $ -ʼ,%+ʼ!05ʼ%-5ʼ+$'!!ʼ!0%5+ʼ$,0ʼ%*$, #'$'0+ʼ$,0#0ʼ +2, !+ʼ -ʼ'$+ʼ40#'$+ʼ ,0ʼ%*$, #'$'0+ʼ$,0#0ʼ ,%70ʼ -ʼ$,0ʼ1, !0ʼ;00-ʼ4#0ʼ%40-%;!0ʼ$ʼ :*;!'2ʼ :'-' -ʼ%-5ʼ4#0ʼ:0#7'*+ʼ$ʼ-01ʼ'50%+ʼ $,%-ʼ$, +0ʼ6ʼ$,0#ʼ:# 4'-0-$ʼ+2, !+ʼ0+:02'%!!8ʼ '-ʼ$,0ʼ5 40+$'2ʼ!'60ʼ6ʼ$,0ʼ; 8+ʼ;*$ʼ%!+ʼ'-ʼ$,0ʼ %5 :$' -ʼ 6ʼ-01ʼ+*;&02$+ʼ%-5ʼ-01ʼ40$, 5+ʼ'-ʼ $0%2,'-.ʼ

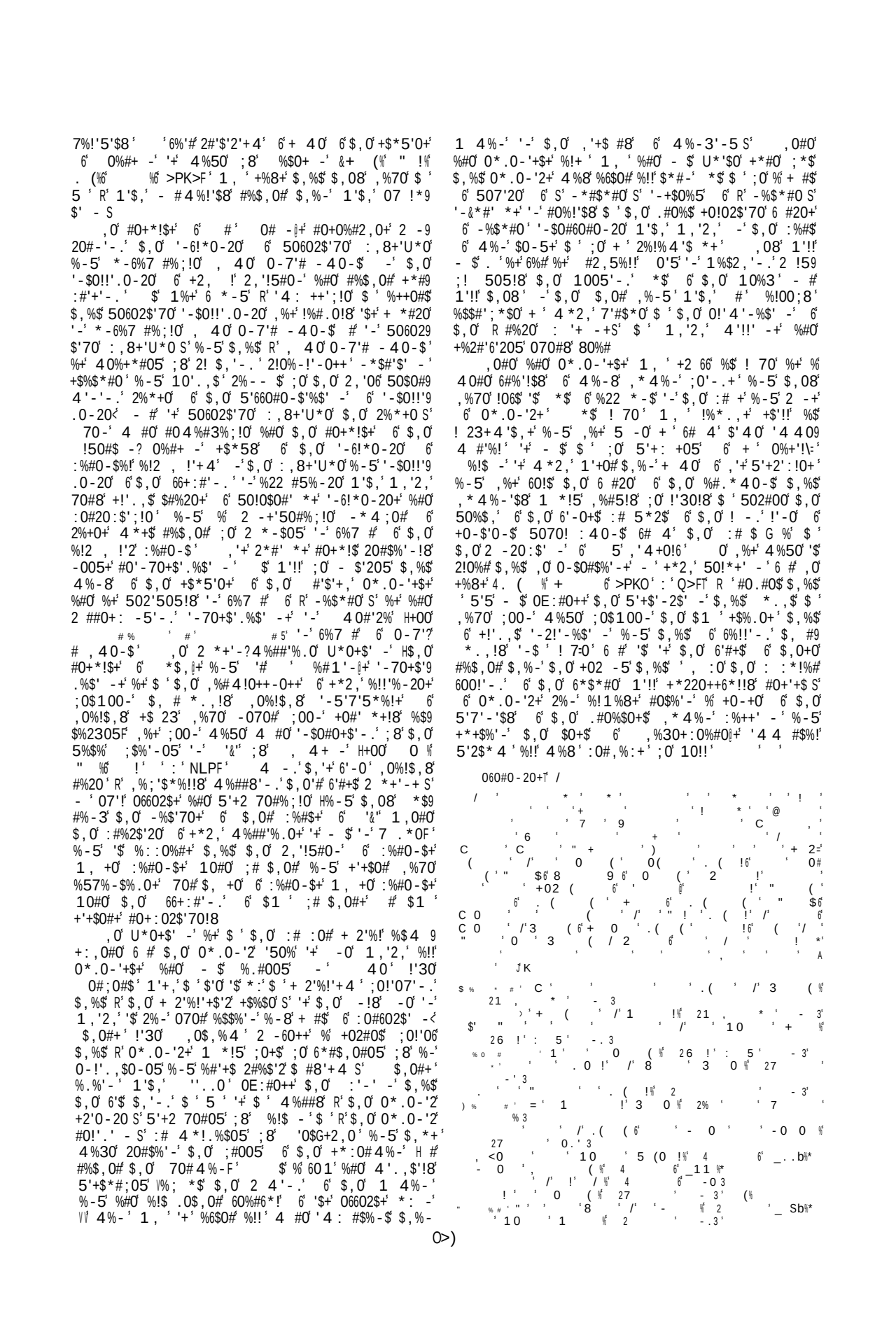
00ʼ *4ʼ) % % ʼ, ' *ʼ # 6 * '4 ! ' , ' *'4 ' *ʼ '%6 # %

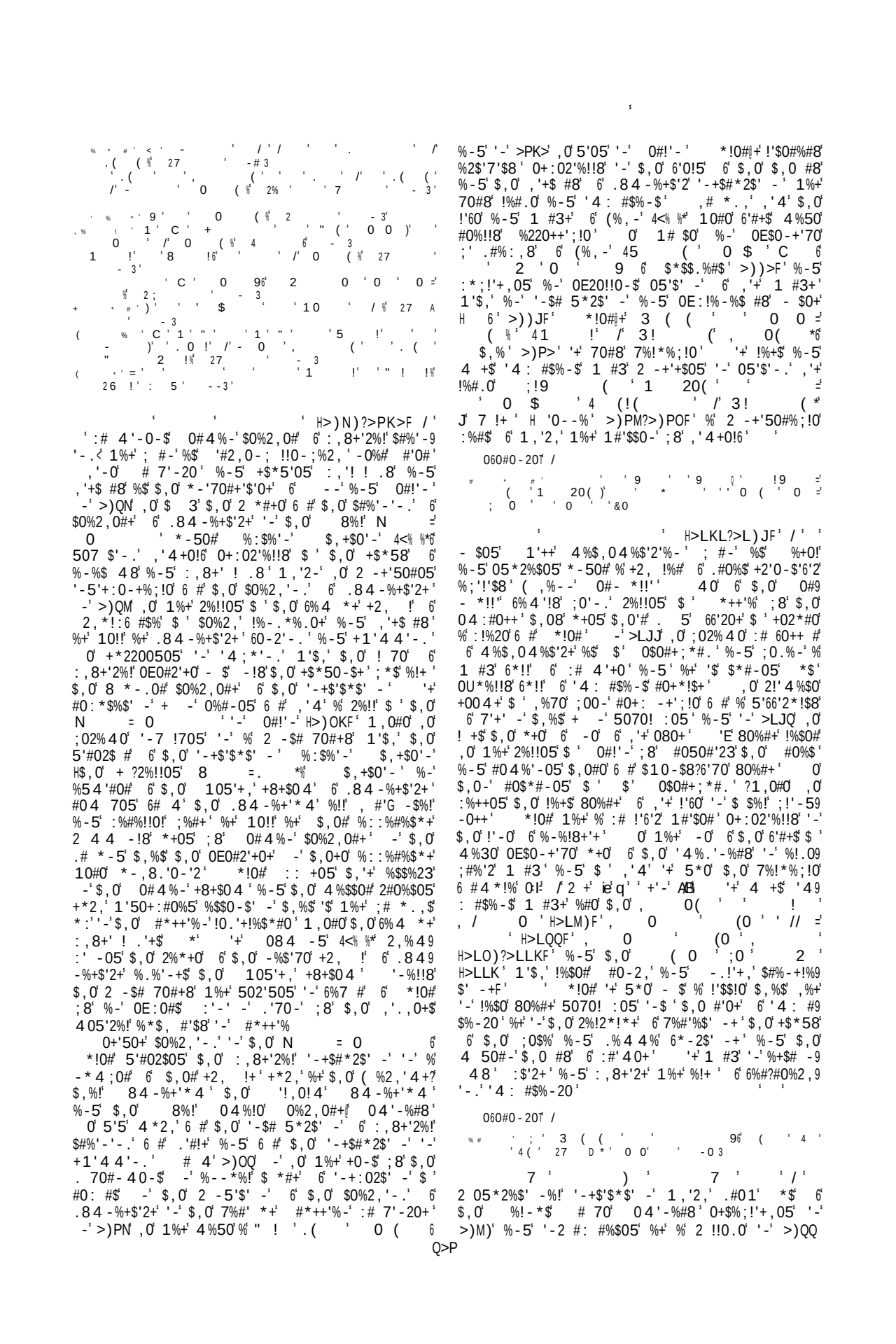
060#0-20+T /

' % ʼ ʼ ʼ ʼ + ʼ ʼ %ʼ H -5 -ʼ >P>K F

%2$' %+' $,0' 40#0' +*;+'5'%#8' 6' #%20' +02$' 2!%++' #' $,0' !'30' %$*#%!!8' '-' 40#'2%' 04:,%+'+' ,%+' ;00-' !%'5' *: -' 0-7'# -40-$' %70-: #$' & 0 (6' >P>KF' $0-5+' $' '.- #0' $,0' 2 -$# 9 70#+8' ;0$100-' ,0#05'$8' %-5' 0-7'# -40-$' '-' :#%2$'2%!' 0*.0-'2+< %-5' *#;%-3'! 3'-.' *: -' ,0#05'$8' %+' R +$ #05' 0-7'# -40-$5' & ' /' ' 10 ' + 6' >PKL' :' F 2 -+'50#+' $,%$' R' '-'2,'!5?#0%#'-.'0-7'# -40-$'+' 0U*%!!8' 0++0-9 $'%!' 1'$,' ,0#05'$8 5' %7'01'$,%$' 50:%#$+' 6%#' 6# 4' $,0' :'-' -+' 6' + 40' 6' $,0' #'$'+,' 0*.0-'+$+' $' '+' %-' 40#'2%-' $ ' #+' ' ' '2,%#5+' 1,' ,%+' :# 7'505' $,0' -%40' 6 # $,0' +2'0-20' 6' $,0' 0*.0-'2'0-7'# -40-$' 0# ; 3' 0 =' (6' ' ((' /'(2 ' ' H>P>KF' $#0%$+' 6' R' $,0' ;0$$0#40-$' 6' !'7'-.'2 -5'$' -+' $,# *.,' 2 -+2' *+' 0-50%7 #' 6 #' $,0' :*#: +0' 6' +02*#'-.'066'2'0-$',*4%-';0'-.+S' ,0'#04%#39 %;!0' : 10# 6' 0-7'# -40-$' %+' #070%!05' 070#89 1,0#0' '-' 40#'2%' 1'!' 4%30' '$' 5'66'2*!$' 6 #' $,0' %57 2%$0+' 6' R' + 2'%!' +*#.0#8' S' ' +02*#0' $,0' 0-%2$40-$' 6' $,0'# 4 #0' #%5'2%!' !0.'+!%$' -' %!$, *.,' +$0#'!'G%$' -' 6' $,0' *-6'$' + ' 1%#4!8' %57 2%$05',8' + '5'+$'-.*'+,05'%' #'$'+,'0*.0-'+$' %+' %70! 23' !!'+' %-5'%!#0%58' '-'7 .*0' '-':%#$+' 6' 1'$G0#!%-5' '-' $,0' +$%$0' 6' -5'%-%' %-5' '+' %:'# 705' ;8' 4%-8' 40#'2%-' :,8+'2'%-+' %-5' $,0#+' 0.%!' '-6%-$'2'50' %-5' 7 !*-$%#8' 50+9 $#*2$' -' 6' $,0' 10%3' %;-#4%!' 0$2' ,%70' -$' 80$' 1 -' :'*!%#' %:'# 7%!' #' ' ' 5+' , 1070#' fH :'.(' >P>KF' ,%+' 2%!!05' %$9 $0-$' -' $' R' $,0' !%1+' 6' 5'4'-'+,'-.'0-7'# -9 40-$%!' '-6!*0-20' S' %-5' R' 5'4'-'+,05' 7%!*0' 6' 4 5'6'2%$' -' %+' 07 !*$' -' '# 2005+ S' ,'+' 1 *!5' %:'!8' 0+:02'%!!8' $' ,*4%-':+82,'2':,09 -40-%' *#;%-3'%-5' $,0#+' 1 *!5'300:'2,'!59 #0-' *$' 6'+2, !' $'!!' %6$0#' $,0' $0-$,' 80%#' '# #%-2'+' %!$ -' ,'4+0!6' %-5' $,0#' :# 4'-0-$ 0*.0-'+$+',%70' ;00-'2%#06*!' $'5'+%7 1'%-8'+849 :%$,8' 1'$,' $,0' '50%' 6' 2#0%$'-.';8' %(0 ' ?'0*.0-'2' +$%$0' S' -' $,0' !%$ -'2' 4 50!' #' ' ' 2,'!!0#& 0 %" %6 !' ' :' >OF' 2 -504-+' !%$ @+' " 02 (' %+' R', :0!0++!8' '4:++';!0 S' !%$ @+' :# :+05' +$%$0' #0.*!%9 $' -' 6' 4%##'%.0' 1'$,' 66'2'%!' R' ;%!! $?+$*66'-.'S' '-'$,0' :# 20++' 6' 4%$'-.';8'! $' $,0' %57%-$%.0' 6' R' +*:0#' # :0#+ -+' 6' 0%2,' +0E S' %-5' !0.%!' '-6%-$'2'50' 6 # $,0' 66+:#'-.' 6' R' '-60#' # :%#0-$+ S' '+' +' $, # *.,!8' *-07 !*$' -%!' '-' '$+' 2,%#%2$0#' $,%$' +2'0-20' 4*+$' %!1%8+' #0!0.%$0' '$' 1'$,' $,0#' 2,'40#%+' $' $,0' !*4;0#' :'!0' 6' '4:#%2$'2%;!0' %+' 10!!' %+' *-,*4%-' R' #06 #4+S' *$' !%$' 1%+' -$' 2 -$0-$' 1'$,' $,'+' %! -0'6 #' ,'+' +2,040' '-7 !705' %!+' %' 4 #0' $,%-' '0$G?' +2,0%-' 5'+#0.%#5' 6' 4 $,0#' ! 70' %-5' $,0' 509 +$#*2$' -' 6' $,0' +0-+0' 6 #' $,0' 2,'!5' '-' $,0' '-5'9 7'5*%!' :%#0-$' %+' 10!!' %+' $,0' %;!'$' -' 6' $,0' 1,!0' '-5'7'5*%!' 6%4'!8' !'60' -' $,0' 4'-5' 6' $,0' .#0%$';!+:,0#' H'6' ,0'#0%!!8';0!'0705' '-',+' 1-':!%-' 1,'2,' 10' 4%8' 2,%#'$%;!8' $,'-3' '+' 5 *;$6*!F' C' 2 -+2' *+' :%#0-$, 5'S' 6 *-5' -' :!%20' 0#0' '+' 1,0#0' 4 50#-' 4*+$ 5'66 0#' 6# 4' !%$ -'2' 0*.0-'2+' %!$ -' ,'4+0!6' & # 6' >PK)' :' J>>F' -$'-.'$,%$' R' $,0' 4 +$' 2 4 4 -' 4'+#0:#0+0-$%$' -+' - 1' %#0' $,%$' '$+ 40$, 5+' 4*+$;0'%!$ .0$,0#$, +0' 6'2 4:*!+ #8' *-' -+' %+' '-' ;#005'-.'%-'4%!+ S' 0E:#0++0+' $,0' 7'01'$,%$' 1,'!0' 6 #2';!0' '-$0#60#0-20' 1*$,' $,0' :# :%.%$' -' 6' $,0' *-6'$'%-5' $,0' 2 -+$%-$' '-$# 9 5*2$' -' 6' 50.0-0#%$0' +$ 23' '+' -$' '-2 -+'+$0-$' 1'$,' 504 2#%$'2' $,0 #8' %-5' 4%8' 2 40' '-' 2 *#+0' 6' $'40' 2 4:*!+ #8' 4%##'%.0' '+' %-' 0-$'#0!8' 5'660#0-$' $,'-.' $,0' 0$,'2%!' &*+$'6'2%9 $' -' 6' 1,'2,' %+' 10!$' %+' $,0' +2'0-$'6'2' '+' 80$' %;+!*$0!8' 1'$, *$' :# 6' ,0' 70#8' $'$!0' 6' #' %!00;8!+' ; 3' + ' ' " (=' 0 0 6' +, 1+' 1=,0#0' ,0' +$%-5+' *: -' 20#$%'-' U*0+$' -+' *.0-'2+' %+' $,0' +2'0-20' 6' ;#005 9 '-.'6 #:+$0#'$8' 4*+$,%70' :%#0-$, 5' %+' '$+' '50%!' #070#0-20' 6 # 4 $,0#, 5' %-5' #070#0-20' 6 # 6%$,0#, 5<' $,0' 50$0#4'-%$' -' $,%$' $, +0' 1, '%#0'$'!'70'$,0'R'. 5'!'60'S'+,%!!' ;0' ; #-' 6' . 5' +$ 23' '-$' %' . 5' 0-7'# -40-$' ,'+' 40%-+' '-6'-'$0!8' 4 #0' $,%-' $,0' R' +$*5?6%# 4' S' #' $,0' R' + 2'%!' +*#.0#8' S' $,0 #8' 6' 0*.0-'2+' -' 04'-0-$!8' +%-0' 7'01' 6' :#%2$'2%!' 0*.0-'2+' ;$%'-+' 1'$,' +*2,' 40#'2%-' 1#'$0#+' %-5' '-70+9 $'.%$ #+' %+' # 60++ #' %70-: #$' 1, +0' !'$$!0' ; 3' +, *!5' ;0' #0%5' ;8' 070#8' -0' 50+'#' +' 6' 3-1'-.'$,0'#0!%$' -+,':' 6' 0*.0-'2+' $' ;' ! .8' %-5' 6' 6'-5'-.' *$' +' 6%#' %+' '+' - 1' 5'+2 70#05' 1,%$',-.+' 4%8' %-5' 1,%$' 4%8' - $';0' ;#05' '-$' #' *$' 6',*4%-';0'-.+' $,'-' *#:0' %-5' '-' 40#'2%' 0*.0-'2+' '+' '-' :# 20++' 6' ;0'-.',*4%-'G05' ,0' :#0+0#7%$' -' 6' $,0' 6%4'!8' H0*.%48F' 4*+$' 6 #4' %:%#$' 6' 1,%$' ,%+' ;00-' 2%!!05' $,0' R' 2,'7%!#8' S' 6' 0*.0-'2+' !!' 0*.0-'2' :# :+%!+' $,%$' 1 *!5' '-&*#0' *!$'4%$0!8' '$+' '-$0.#'$8' %#0' '-' $,04+0!70+' - -?0*.0-'2 %-5' *-07 !*$' -%!' 6 # 1,%$070#' #0!%$' -+,':+' 4%8' 0!+01,0#0' ;$%'-' '-' $,'+' +:,0#0' 6' %2$'7'$8' R' 4%-' '+' 4%-' %-5' ;0%+$' '+' ;0%+$ S' ,0' *!$'4%$0' 02 ' 4*+$;0' $, # *.,!8' ,*4%-' 7%#' *+' :%#$+' 6' $,0' 1 #!5' $,0' 0*.0-'2' R' 2%4:%'.-'S' '+' '-$0#60#05' 1'$,' # 4 5'6'05' ;8' $,0' :#07%!0-20' 6' 20#$%'-' 4 #0' #!0+' ! 2%!' :,0- 40-%' *2,' % % %#0' '-' -.!%-5' R' $,0' #%20' 50$0#' #%$' -' +2%#0 S' %!#0%58' #060##05' $ ' %-5' $,0' R' -01' 1 4%-'S' 4 7040-$' '-' #%-20' $,0' ! 1',' '#$,?#%$0' '-' 0#4%-8' $,0' 05*2%$05' :# !0$%#'%$' '-' :%#$+' 6' 2%-5'-%7'%' $,0' ! 1' 4%##'%.0' #%$0' '-' $,0' %$'-'2 *-$#'0+' $,0' 0E'+$9 0-20' 6' 4*!$'$*50+' 6' 20!';%$0+' 6' ;' $,' +0E0+' 2 --02$05' 1'$,' $,0' ,*#2,' '-' -.!'+,' 40#'2%' $,0' 5'7 #20' :# ;!04'%-5' $,0' R#%20' +*'2'50' S' U*0+$' -' -+'50#05' 07 !*$' -%!!8', 1070#' 4 +$' 6'$,0+0'2 4:!'2%$' -+'%#0' 6'%$04: #%#8' #' % 40#0!8' '-2'50-$%!' -%$*#0'%-5'0*.0-'2+'#'.,$!8' *-50#+$ 5',%+' -$,'-.' $' 60%#' 6# 4' $,04' '-' $,0' !-.'#*-' ,'+' '+' :%#$'2*!%#!8' $#*0' 6' +' ?' 2%!!05' R' #%20' +*'2'50' S' '-' 40#'2%' %+' ,'!!':+' & %' /' %'.0 6' ! ' >PKP?>P>K F' ,%+' #020-$!8' :'-$05' *$' '-' ,'+' 70#8' '-$0#0+$'-.' 5'+2*++' -' 6' $,'+' $:'2' %; *$' 1,'2,' 20#$%'-' .#0%$' 40#'2%-+',%70' 1 ##'05' + ' 4*2,' -5' '-' -.!%-5' #' %!00;8' ;0!'070+' $,0' ! 1' ;'#$,9 #%$0' %+'.-' 6' :# .#0++' #%$,0#' $,%-' $,0#1'+0 -' $,0'#' R' 0*.0-'2' :# .#%4'S' $,0' 7%#' *+' :0 :!0+' 6' $,0' 1 #!5' 5'660#' %-5' 1'!!' :0#,%:+' 5'660#' 6 # %! -.'$'40<%-5' 1,0-'+*2,'-01'%-5

: 10#6*!' :0 :!0+' '-' $,0' +:,0#0' 6' ,*4%-' %29 $'7'$'0+' '-' $,0' !%#.0' %+' $,0' (%:%-0+0' ,'-0+0' 0$2 ' ;0.'-' '-' 0%#-0+$' #0%!' 0*.0-'2' !%; #+' '$' '+' #0%+ -%;!0' $ ' +*:: +0' $,%$' -01' 2 -$#';*$' -+' 6' .#0%$' 7%!*0' 1'!!' ;0' 4%50' ;8' $,04' $ ' $,0' +2'0-20' 6' ;#005'-.' 40-' %-5' 1 40-' 6'%' ,'.' $8:0' - $' $ '+%8' '-' $,0' :# 20++0+' ;8' 1,'2,' $,0'# ,0%!$,8' %-5' ,%::8' 0E'+$0-20' 1'!!' ;0' %++*#05' %-5' +*+$%'-05' -'20#$%'-'2 *-$#'0+' 6' *# :0' 1'$G0#!%-5' %-5' #%-20' '-' :%#$'2*!%#' $,0' 0-5 140-$' 6' 4 $,0#, 5' %-5' 6%$,0#, 5' %-5' $,0' $%E'-.' 6' ;%2,0! #5 4' %#0' '-' .#0%$' 6%7 #' $,0#+' %#0' %!! 105' !0%70' 6' %;+0-20' 5*#'-.' 2,'!5;05' 1'$, *$' ! ++' 6' :%8' 1,0-' $,08' %#0' +2, !' $0%2,0#+' . 70#-40-$' # 4*-'9 2':%!' 66'2'%!+' 0$2 ' %-5' '-' + 40' :!%20+' 66'2'%!+' 1, ' %$' $,0' %.0' 6' $10-$8?6'70' # $10-$8?-'-0' %#0' +$'!!' *-4%##'05' %#0' 2 4:0!!05' $ ' 6 #60'$' $,0'# : +'$' -+' 1,'!0' $, +0' '-' 2'7'!' !'60' ,%70' % 5 *;!0' 4'!'$%#8' 5*$8' $ ' 6%20' ,'+' '+' '-' 4%#305' 2 -$#%+$' 1'$,' -.!'+,' 40#'2%' 1,0#0' 4%##'%.0' '+' %' #0%+ -' 6 # 0E2!*+' -'6# 4'2 !!0.0' %+' %!+ ' 6# 4' $,0' #%-3+' 6' $,0' $0%2,'-.' :# 60+9 +' -' H6 # 1 40-F '-' 4 +$' :%#$+' 6' $,0' 2 *-$#8' 1,'!0' '$' '+' - $ *-2 44 -'6 #:#0+'50-$+' 6' 05*9 2%$' -%!' '-+$'$*$' -+' $ ' :# 2!%'4' $,04+0!70+' ! *5!8' %+' 0*.0-'+$+' # :: -0-$+' 6' R#%20' +*'2'50 S' %!$, *.,' '-' $,0' 6%2*!$'0+' 6' $,0'# *-'70#+'$'0+' # 2 !!0.0+' %;+ !*$0!8' - ' 5'+$'-29 $' -''-'$,0' 4%$$0#' 6'+%!%#8'070-'-',%#5'$'40+' '+' 4%50' ;0$100-' R' $,0' ;%2,0! #' 1'$, *$' 0-9 2*4;#%-20+' S' %-5' R' $,0' 4%-' 1'$,' %' 6%4'!8 S' -5' $,0' '-+$'$*$' -+' 6',.,0+$' #%-3' 507 $05' $ ' #0+0%#2,' %#0' +004'-.!8' $,0' 1 #+$' 660-50#+' 2'0-20',%+' 80$' $ ' #02 .-'GO' $,0' 6%4'!8 %$*#%!!8' 0-*.,' $,0' 8*-.' +2'0-20' 6' 0*.0-'2+' ,%+' ,%5' $ ' U*%##0!' 1'$,' + 40' 6' $,0' !50#' %-5' 4 #0' +$#0-* *+' # 4 #0' : :*!%#' $,0 #'0+' %-5' +:02*!%$' -+' 6' $,0' %.0' %-5' $ ' 4%30' '$+' %!!'%-20+' %-5' 2 4;'-%$' -+' 1'$,' $,0#+' 6' $,0+0' -5'+ 40$'40+' '$',%+'+*660#05' 4 #0' %$' $,0' ,%-5+' 6' '$+' 6#'0-5+' $,%-' %$' $, +0' 6' '$+' 6 0+' !!' %#1'-'%-+' %4%#23'%-+' 0-50!'%-+' 0' #'0+'%-+ /'$,0' 4%-8' 7%#'0$'0+' 607 !*$' -'+$+' 4*$%$' -'+$+' 0$2 ' /',%70' - $' +00-' 0*.0-'2+' 1'$,' $,0' +%40' 080' - #,%70' $,08' ;00-' 0U*%!!8' 2 #5'%!' '-' 10!2 4'-.' # 0U*%!!8' G0%! *+' '-' #0&02$'-.' '$' %!$ -' ,'4+0!6' ,0%!$,'!8' %-$'? '0$G+2,0%-' +*4+' *:' $,0' 4%$$0#' -' $,'+' : '-$' '-' $,0+0' 1 #5+' & 6' :' JNJF!' R' %-'+' .'6$05' 1'$,' :'$8' %-5' $,0#' 3'-5!8' 600!'-.+' ,0' ,%+' %!+' $,0' : 10#' 6' :#070-$'-.' 4%-8' 3'-5+' 6' +*660#'-.' ' 2 -20'70' '$' $ ' 6%!!' 10!!' 1'$,'-',+' :# 7'-20' $ ' #0:!%20' -%$*#%!' +0!02$' -' ;8' $,0#' :# 20++0+' $,%$' %#0' 4 #0' 40#2'6*!' %-5' - $' !0+' 066 02$'70' ,'+' '+' :#02'+0!8' $,0' %'4' 6' 0*.0-'2+' $+' 6'#+$' ;&02$' '+' $ ' 2,023' $,0' ;'#$,'#%$0' 6' $,0' *-6'$' '-+$0%5' 6'%!! 1'-.' $,04' $ ' 2 40' '-' $;0'-.' $, *.,' 5 405' '-' !%#.0' -*4;0#+' $ ' :0#'+,' :#09 4%$*#0!8' ,0' +02 -5' ;&02$' '+' $,0' '4:# 709 40-$' 6' $,0' #%20' ;8' 6*#$,0#'-.' $,0' :# 5*2$'7'$8' 6' $,0' 6'$;8' 0%#!8' 4%##'%.0+' %-5' ,0%!$,6*!' #0%#'-.' 6' $,0'# 2,'!5#0-' %$*#%!' +0!02$' -' #0+$+' *: -' 0E20++'70' :# 5*2$' -' %-5' 1, !0+%!0 50+$#*2$' -' 0*.0-'2+' -' ;#'-.'-.' - ' 4 #0' '-5'7'5*%!+' '-$ ' $,0' 1 #!5' $,%-' 2%-' ;0' :# :0#!8' 2%#05' 6 #' %-5' $, +0' -!8' 6' $,0' ;0+$' +$ 23 S' *.0-'2+' 4 #0 70#' '-' $,%$' '$' 2%#0+' 6 #; $,' $,0' '-5'7'5*%!' %-5' $,0' -%$' -' ,%+' $,0' 7'#$*0+' 6' ; $,' 2,%#'$8' H'-' $,0' $#*0' +0-+0F' %-5' +$%$0+9 4%-+,':' $' '+ ; $,' '50%!' %-5' :#%2$'2%!' ,*4%-0'%-5',*4%- ,0' 5'+:*$0+' 2 -20#-'-.' $,0' -%$*#0' %-5' 402,%-'+4' 6',0#05'$8' $,0' ++';!'$8' 6' $,0' '-,0#'$%-20' 6' %2U*'#05' 2,%#%2$0#+' 0$2 ' ,%70' + 40$'40+';00-' !'70!8' 070-' 1'$,'-' $,0' 0*.0-'2' .#*:' 6' +2'0-$'+$+' $,04+0!70+' %!$ -' %-5' 0%#+ -' $,0' 6 #40#' 6# 4',+'+$*5'0+' 6' 40-' 6' .0-'*+' %-5' $,0'# #0!%$' -+,':+' $,0' !%$$0#' 6# 4',+'+$%$'+$'2%!' '-70+$'.%$' -+' 0$2 ' %#0' :%#$'+%-+' 6',0#05'$8'. '-.'%!4 +$'%+' 6%#' %+' $,0' 40#'2%-' #' 5+' 1,' 4%'-$%'-+' &+ %' .(% %6 :#'!' >P>KF' $,%$' R' 0E:0#'40-$%!!8' %-5' +$%$'+9 $'2%!!8' $,0#0' '+' - $' %' .#%'-' 6' :# 6' $,%$' #5'9 -%#'!8' 0-7'# -40-$' 2%-' %!$0#' $,0' ' ' ' ' ' '-' %-8' 40%+*#%;!0' 50.#00' 6# 4' 1,%$' $,08' 10#0' :#050$0#'4'-05' $ ' ;0' $,# *.,' '--%$0' '-6!*0-20+' S' $,' ,%70' #020-$!8' ;9 &02$05' $ ' $,0' U*'$0' %;+*#5' '50%' $,%$' $,0' #'$'+,' *+0' 6' #5+' %-5' $,0',0#05'$%#8' -;!'$8' 6' $,0' 4:'#0' 10#0' ;&02$' !0++ -+' '-' 0*.0-'2+' & 0 %' " %6 ! ' ::' J')MF' 0#05'$8' ;8' -' 40%-+' -020++%#'!8' '4:!'0+' :#'4 .0-'$*#0<' '-'6%2$' '$' %!4 +$%:0%#+' $ ' : '-$'%!'$$!0' '-' $,0' 5'#02$' -' 6' .%70!3'-5' $,' '# #%-2'+' %!$ -'%-5' # 60++ #' 0%#+ -'%#0' 2 -7'-205'%+' $,0' #0+*!$' 6' -*40# *+' #0+0%#2,0+' 2%##'05' -' ;8' $,04+0!70+' #' 4 #0' #!0++' *-50#' $,0'# 5'#02$' -' $,%$' 1'$,' #0+:02$' $ ' $*;0#2*! +'+' '-+%-'$8' 2#'40' %-5' : ++';!8' 20#$%'-' $,0#' $,'-.+' $,0#0' '+' R' %' :%$, ! .'2%!' 10'.,$'-.' 6' 0!50#' 2,'!5#0-S' 1,'2,' 1 *!5' 2%!!' '-$' 5 *;$' %!'30' $,0' '-+$'$*$' -' 6' $,0' +4%!!' 6%4'!8' %-5' $,0' +0!02$' -' 6' $,0' 6'#+$' ;#-' 6 #,0#05'$%#8' : +'$' -+' 0!02$' -' 6# 4' %!' $,0' 2,'!5#0-' 1 *!5',0#0' ;0' $,0' $#*!8',0#05'$%#8' %-5' 0*.0-'2' :# 20++' -0' 6' $,0' 2 44 -' ;09 !'06+' 6' .0-0#%$' -+' :%+$' $,%$' R' 2!0#.840-+ -+' .' $' $,0' 507'! S' #' %#0' %$' !0%+$' 70#8' '-60#' #' '-5'7'5*%!+' ,%+' ;00-' :# 705' 6%!+0' $,# *.,' $,0' '-70+$'.%$' -+' 6' 0!!5 -' 070-' '6' $,0' !%$0#' +$*5'0+' 6' 2,*+$0#' -' $,0' :# 4'+0' 6' 8 *$,' %-5' $,0' :0#6 #4%-20' 6' 4%-, 5',%70' +, 1-' $,%$' R' $,0#0' '+' #0%+ -' $ ' +*:: +0' $,%$' $,0' ;%#' '+' %' :# 60++' -'1,'2,' %$$#%2$+' %;!0#' 40-' -$0#0+$'-.' 5%$%' 6*#-'+,05' ;8' $,0' 0*.0-'2' +2, !' %#0' $,0' +$*5'0+' 6' 2 ##0!%$' -' ;0$100-' 40-$%!' %-5' :,8+'2%!' 2,%#%2$0#+' %-5' ;0$100-' 40-$%!' %-5' 4 #%!' %$$#';*$0+' 0$2 ' 40' 6' $,0' #0+*!$+' ;$%'-05' 40#0!8' 2 -6'#4' # #06*$0' %+' $,0' 2%+0' 4%8' ;0' !5' 6 !3' $, *.,$+' # R' .*0++0+' %$ $#*$,S' + 40' $,0#+' %#0' +$'!!' 6' 70#8' 5 *;$6*!





#0:%#%$ #8 %-5 2 !!0.'%$0 50:%#$40-$+ %#0 4%'-$%'-05 ,0 0-$#%-20 #0U*'#040-$+ %#0 0U*'7%!0-$'$ '%; *$6 *#$00-'*-'$+ 6 ,'.,'+2, ! 1 #3

HNOK?JMKF / '+$ #'%- %: ! 9 .'+$ 0E0.0$0 2#'$'2 +2, !%#' %-5 $,0 ! .'%-' 1%+ ; #-'%; *$ NOK % %$ %0+%#0% %-5 05*9 2%$05 '-' $,0 ,#'+$'%- +2, ! 6 $,%$ 2'$8 %0+%#0% 1%+ $,0-'$,0 40$# : !'+ 6 %!0+$'-0 %-5 '$+ .#0%$ +2, !'6 *-505'; 8 #'.0-' &<% %*6 #'7%!05 $,%$ 6 !0E%-5#'%' 0#0 *+0;'*+ 1%+ % :*:'!' 6 # $,0*+' % 6%4 *+ $0%2,0# 6 !';0#%!' 4'-5 %-5 #003 2*!$*#0 0 6 #405 -0 6 $,0 4 +$;0%*$'6*!' 6#'0-5+,':+ 3- 1-' $ ',+$ #8 1'$,' %4:,'!*+' $,0 6'#+$ 10%!$,8 ,*#2,4%-' 1, ' +:0-$,'+ #'2,0+' '-' $,0 %22*4*!%$' -' 6 % !';#%#8' -' $,'+ *-9 #'7%!05 2 !!02$' -' *+0;'*+ #070!05 1'$,' $,0 50!'.,$ 6 %; 31 #4 %-5 70# $,'+2, ! ,0 :#0+'505 6 # 4%-8 80%#+' ,0 4 +$!0%#-05 4%-' 6 $,0 6 *#$,'20-$*#8 ,0 ;02%40 '+, : 6 %0+%#0% '-' J>J %-5 1%+ + -' #02 .-'G05 %+ -0 6 $,0 6 #04 +$ 40-'-'$,0 , *#2, ' '+ #0:*$%$' -'%+ $,0 4 +$!0%#-05 6 '$+ 404;0#+ %-5 %+ $,0 2,%:!%'-' %-5 2 -6'5%-$ 6 $,0 4:0# # -+$%-$'-0 4%50 ,'4 %:# 4'-0-$ 6'.*#0 '-' $,0 *-2'! 6 '20 %$ 1,'2,' ,0 509 !'70#05 $,0 :0-'-.' %55#0++' '+ %$$'$*50 $ 9 1%#5 $,0 #'%-+ 5*#'-.' $,'+ 2 *-2'! %-5 %6$0#1%#5+ 1%+ +070#0!8 2#'$'2'G05 ;*$,0 ,%+ ;00-'%2U*'$05 6 0## # ;8 $,0 .0-0%#! 2 -+0-$ 6 $,0 !0%#-05 40-' 6 !%$0# $'40+' '+ 4'-5 1%+ %2U*'+'$'70 #%$,0# $,%-' :# 5*2$'70 ;# %5 #%$,0# $,%-' 500: %-5 ,'+ +:'#'$ 1%+ $!0#%-$ 0 + *.,$ *$ $,0 0!040-$+ 6 $#*$,' '-' %!! :,'! + :,'2 +8+$04+ %-5 : :*!%## #0!'.' -+ %-5 6 *-5''-'$,04'%'6 $, !5'6 # ,#'+$'%-'$0%2,'-. $%-5'-.';0$100-'$,0 !5 :%.-' %-5 $,0 -01 ,#'+$'%-' 2'7'!'G%$' -' ,0 +$# 70 $ ' 2 -+0#70 $,0 4 +$:#02' *+ #04%'-+ 6 $,0 :%+$ 6 # $,0 *+0 %-5''-+$#*2$' -' 6 $,0 6*$*#0 0 ,%5 $,0 '-+$'-2$ 6 .0-'*+6 #2, +'-.'$,040+ 6 :0#4%9 -0-$'-$0#0+$' '$,'7%+$ 0#*5'$' -'%-5 +$0#!'-. 5 +0-+0 ,0 5#01 6# 4 $,0 '+$ #0, *+0 6 $,0 :%+$ $, +0 $,'-.+ 1,'2,' $ 1%+ 1 #$,' 1,'!0 $,' :#0+0#70 6# 4 ;!'7' -' ,'!0 ,'+ $,0 ! .'2%!' %-5 0E0.0$'2%!' 1#'$'-.+ %#0 6 + !'5 7%!*0 ,0 '+ ;0+$ 3- 1-' ;8 ,'+ (((1 !6 1,'2,'&*+$!8 0-$'$!0+ ,'4 $;0 3- 1-'%+ R $,0 6%$,0# 6 2,*#2,' ,'+$ #8 S $ 2 70#+ $,0 6'#+$ $,#00 20-$*#'0+ 6 ,#'+$'%-'$8 %-5'+ %;+ !*$0!8 '-5'+:0-+%;!0 $ $,0 +$*50-$' $+ 7%!*0 !'0+ - $ '-' !'$0#%#8 40#'$';*$ '-' $,0 10%!$,' 6 4%$0#'%!+ 5#%1-6# 4 #'.'-%!' + *#20+'%-5$,0 1'+5 4'%-5 , -0+$8 1'$,'1,'2,'$,08 10#0 *+05

O6O#0-20+ /

$ (' (((1 !% H E6 #5 ' TT 5 / '(' V *+0;'*+ S''-' 4'$,'%-5 %20!+' ' (# !' /' 8 !%

) / / ' % ' ' (((1 !' H$#%-+ F< '-' - (' + = - (5 % 4- $' #3 ' >)PK F

' % * # ' ' ' / ' /' ' H$#%-+ F< 2 %

' (' HJK)?M>PF / ' %'-$ 6 $,0 4%-' %$, !'2 ,*#2,'5%*.,$0# 6 % 4%-'+0-%$ #'1, +0 1'60 %*!%' 1'$,',0# 5%*.,$0# 1%+ *-50# $,0 +:'#'$*%!' 2,%#.0 6 $' (0# 40 4<% %*% ' $,0+0 1 40-' (0# 40 %55#0++05 ,'+ !0$$0#+ -' 05*2%$' -' H0+: ' , WW F'1,'2,'6 #4'4 +$'4: #$%-$ + *#20+ 6 '-6 #4%$' -' 2 -20#-'-.' 0%#!8 ,#'+$'%-' 05*2%9 $' -' 0+:02'%!!8 6 $,0 4 -%+$'2 $8:0 $,' %*!%' %-5 *+$ 2,'*4' 10#0 '-+$#*40-$%!' '-' 6 *-5'-.'%-5'5'#02$'-.' 4 -%+$0#'0+' 6 # 1 40-' %-5',0-20 10#0'4: #$%-$!0%50#+' '-' $,0 0%#!8 05*2%$' -' 6 1 40-

O6O#0-20 /

(' (!(% #$' R' *+$ 2,'*4 S

' / ' 00 # ' *

' / ' 22!0+'%+$'2%!' ,'+$ #'%-< ; #-' %$:':,%-'%'-' 8#'%'QJO % %-5 $#%'-05 6 # $,0 !0.%!' :# 60++' -''-'$,0'+2, !+' 6 $,0 #,0$ 9 #'2'%-+ %-5 .#%4 4%#'%-+ 0 :#%2$'205 !%1 1'$,' +'.-%!' +*220++' %$ -$' 2,' %-5 1 -' 6 # ,'4+0!6 $,0 +*#-%40 R' 2, !%+$'2*+ S '+ 2,'06 1 #3 1%+:,'+ 1 !6 2 70#'-.' $,0 80%#+ MJ>' $ ' QPM' %-5 '-$0-505 %+ %2 -$'-*%$' -' 6 $,0 0 (' 1 ' 6 *+0;'*+ %-5 ,0 5? #0$' , *.,' + 401,%$ 2#05*! *+' ,0 ,%5 !0%#-05 6# 4' *+0;'*+$,0'4: #$%-20 6 U* $9 '-.'$,0 #'.'-%!' 5 2*40-$+' %-5 ,%+ :#0+0#705 4%-8 6 .#0%$ 7%!*0' $ ' $,0 +$*50-$ %-5 ,'+9 $ #'%-' 0 $ 3 .#0%$:%'-+ '-' 2 !!02$'-.' 4%$0#'%!+' 1 70 $,04'-$ '%+:'#'$05 -%##%$'70 %-5 0E,';'$05 4%-8 6 $,0 ;0+$ U*%!'$'0+ 6 %' '+$ #'%-' '

O6O#0-20 /

& % # ' ' %-5 $. ' O % H E'-5 -' >)P) F

' ' ' H>)NL?>)LMF' / ' 5*2%$ # %-5 %*$, #' .#%5*%$05 %$ %!0 !!0.0 '-' >)Q><:#'-2':%!' 6 $,0 0!%1%#0 '$0#%#8 -+$'$*$0' %-5 '-+$#*2$ # %$ %!0 !!0.0< :# 60++ # %$ %#'0$$%' !!0.0 %-5 -'70#+'$8< %-5 %*$, # 6 % +0#'0+' 6 4%$,04%$'2%!' $0E$; 3+' ' '

' (' H>ONK?>LKOF' / ' -.!'+,' .0-$!04%-' %-5 %*$, #' 1, ' $ 3 2 -+'50#%;!0 '-$0#0+$' '-' 05*2%$' -' 0 #020'705 ,'+' '-+$#*29 $' -' 6 # 4'$,0 7'!!%.0 +2, !4%+$0# '-' $,0 : #2,' 70 #$,0 2,*#2,'%$ $$ -' 0 1%+ % +$*50-$ %$ %!! ! !!0.0' E6 #5' >OJL' ;*$,'4+0!6 +$%$0+' $,%$,0 1%+ '5!0' $,0#0' 0 1%+ %!+' %' +$*50-$ 6 !%1' %$ $,0 '55!0 04:!0';*$' %.%'-' !0%#-05 !'$$!0' $,0#0' # 4' ,'+ $#%70!+' ,0 !0%#-05 4*2,' '-2!*5'-.' #0-2,' $%!'%-' %-5 :%-'+, $ %5*%' 1,0#0 ,0 +$*5'05' ,0 1%+ 0!02$05 .! (0 0 6 ;*$ 1%+ 5'+9 U*%!'6'05 ;8 :# 2005'-.' -' ,'+ $#%70!+' -' >OOL' 70!8-' +02*#05 $,0 #*-50!'%-' !';#%#8 6 $,0 1%#5 6%4'!8 6 # $,0-01' 8%!' 2'0$8 6 1,'2,',0 1%+ -0 6 $,0 0%#!8 404;0#+' -' $,0 +%40 80%# ,0 ;$%'-05 6 # E6 #5 6# 4'

02 - 48' 2 3'-.' 5#0++4%3'-.' %-5' 2*$$'-.' *$' !%*-5#8' 1 #3' 5%'#8' 1 #3' .%#50-'-.' 2 $$%.0' '-5*+$#'0+' %4;*!%-20', 40' -*#+'-.' ', 8+'2%!' $#%'-'-.<', '+'%'4+'%$'$,0'.0-0#%!' :,8+'2%!' 5070! :40-$' 6' $, +0' '-+$#*2$05' 5%:$05' $'$,0'%.0'%-5' +0E' 6'$,0':*:'!

,0+0' %#0' $,0' +*;&02$+' %*$, #'G05' ;8' $,0' %#5' 6 #' 1,'2,' .#%-$+' %#0' .'70-' 01' +2, !+' ,%70' %!' 6' $,0+0' -#'+' '$' '-$0-505' $,%$' $,08' +, *!5' -' $,0' $,0#,%-5' $,0# +*;&02$+' $,%-' $, +0' 40-$' -05' 4%8' %$' $,0'5'+9 2#0$' -' 6' $,0' %#5' ;0' #02 .-'G05' !!' +2, !+' 4*+$',%70' %$' !0%+$' $1'+*;&02$+' %!9 $, *.,' -':*:'!'+' 2 4:0!!05' $'$%30' 4 #0' $,%-' -0'+*;&02$' H ,0'-5*+$#'%!' 1 #3' 6' $,0' +2, !+' +' 50+2#';05' -' $,0' %#$'2!0' -' '-5*+$#'%!' 05*2%$' -F

#%-20'/', 0' 070-'-.' +2, !+' '-' #%-20' 6 #4' %' !%#.0' :%#$' 6' $,0' +8+$04' 6' 2 -$'-*%9 $' -' +2, !+' %30-' $ .0$,0#' $,08' %#0' 2%!!05' 0(' (6' # (0 ' (=

6' %-5' %#0' '-2!*505' '-' $,0' 50:%#$40-$' 6' :#'4%#8' '-+$#*2$' -' ,08' 10#0' :#;%;!8' '-$# 5*205' 6# 4' -.!%-5' '-' >)NK' 1,0-' %-' 070-'-.'+2, !'1%+'0+$%;!'+,05' '-' %#'+' ,08' 10#0' '-' %6! *#'+,'-.' 2 -5'$' -' %$' %; *$' $,0' 4'55!0' 6'$,0'-'-0$00-$,'20-$*#8<'-' >)OL'$,0#0' 10#0' JQ KKK' +*2,' 2!%++0+' ;*$' %6$0#' $,'+' $,0#0' 1%+' %' 502!'-0' -' >)PQ?>)PO' >Q KKK' 2 *#+0+' 10#0' 660#05' 1'$,' %-' %$$0-5%-20' 6' %; *$' NLK QKK' 1,'!0' '-' >PKO?>PKL' $,0#0' 10#0' M) NM)' 2 *#+0+' 1'$,' %-' %$$0-5%-20' 6' %; *$' OKK KKK' ,0+0' 2!%++0+' %#0' ,0!5' '-' $,0' 070-'-.+' %-5' .0-0#%!!8' '-' $,0' :*;!'2' +2, !' ;*'!5'-.+' #0%$' 6#005 4'+' %!! 105' '-' $,0' 0+$%;!'+,40-$' %-5' 2 -5*2$' 6' $,0+0' 2!%++0+' -8' -0' 1,' 50+'#0+' 4%8' :0-' %' 2!%++' :# 7'505' ,0',%+' $,0' %::# 7%!' 6' $,0' 4%8 # 6' $,0' 2 44*-0' $,0' :#0602$' 6' $,0' 50:%#$40-$' %-5' $,0' %2%5048' '-+:02$ #' '502#00' :%++05' (%-'>J>))L':!%20+' $,0' 4'-''"*4' %.0' 6 #' %54'++' -' %$' $,'#$00-' 80%#+' '+$# -.'600!'-.' 0E'+$+'$,%$' %$$0-5%-20' +, *!5';0' 4%50' 2 4:*!+ #8' *:'$' +070-$00-' 80%#+' 6' %.0'%-5'6 #' %6'E05'%--*%!' $0#4' ;*$' 066 #$+' $' $,'+' 0-5', %70' + ' 6%#' 6%'!05' $' :#0+0-$'%-8' -0'%$$0-5+'1,' 1'+,0+'%-5'%+'! -.' %+' ,0' !'30+' 0#$'6'2%$0+' 6' %$$0-5%-20' %#0' .'70-' 1,'2,' 2%##8' + 40' 10'.,$' 1'$,' 20#$%'-' 04:! 80#+' %-5':#'G0+' %#0' 6$0-'.'70-' ;8'! 2%!' %*$, #'$'0+' #' ;8' '-5'7'5*%!+' +'50' 6# 4' $,0+0' $,0#0' '+' - $,'-.' $' '-5*20' # $' 2 4:0!' %$$0-5%-20' $,0#' $,%-' '-$0#0+$' '-' $,0' 1 #3' '$+0!6' # $,0' +2'%!' %$$#%2$' -+' 6' $,0' 2!%++0+' ,0' 2!%++0+' 6 #' 40-'%-5' 6 #' 1 40-'%#0' *+*%!!8' +0:%#%$0' ;*$' 4'E05' 2!%++0+' %#0' 6#0U*0-$!8' ,0!5' '-' $,0' !%#.0#' :!%20+' $' '+' 5'66'2*!$' $' +02*#0' 0-*.,' 4 -08' 6 #' $,'+' 1 #3' 4%!!' 600+' %#0' 6$0-'2,%#.05';*$'$,0':0 :!0' 1,' 4 +$' -005' $,0' '-+$#*2$' -' %#0' $, +0' 1,' 2%-' !0%+$' %66 #5'$' :%8'6 #'!$' ,0'+$%$0' 4%30+'%-'%--*%!' %::#:#'%$' -' 6 #' $,'+' 1 #3' 1,'2,' %4 *-$05' '-' >PKO' $' OKK KKK' 6#%-2+' H>>NK KKKF' ,0' 2,'06' + *#20+' 6' +*::#$' %#0' :#'7%$0' +*;+2#':9 $' -+'%-5'+*;+'5'0+'.#%-$05';8'! 2%!' %*$, #'$'0+' ,0' $0%2,0#+' %#0' %+' %' #*!0' :*;!'2' +2, !

$0%2,0#+' %-5' *+*%!!8' +0#70' 1'$, *$' 0E$#%' 2 49 :0-+%$' -' ,08' 5', 1070#' #020'70' 66'2'%!' !0$$0#+' 6' #02 .-'$' -' 5':! 4%+' 405%!+' 502 9 #%$' -+' 0$2' 1,'2,' %#0' .#0%$!8' :#'G05' ;8' $,0' #02':'0-$+' ,0' 2!%++0+' %#0' 5'7'505' '-$' T H F ($' > 0 6' 2!%++0+' 6 #' !!'$0#%$0+ H F ($' (6' 2 -$'-*%$' -' 2!%++0+' :# :0#' %-5' HJF ($' (<0 6' $02,-'2%!' 2!%++0+' %-8' :#'7%$0' + 2'0$'0+' %!+' %#0' 0-9 .%.05' '-' 4%'-$%'-'-.' 070-'-.' 2 -$'-*%$' -' 2!%++0+

-'$05' $%$0+' /', 0#0' %#0' 4%-8' %.0-2'0+' '-' $,0' -'$05' $%$0+' 2 -5*2$'-.'070-'-.'+2, !+' 6' 7%#' *+' 3'-5+' %-8' :#'7%$0' %-5' 0-5 105' '-+$'$*$' -+' %#0' 2 -5*2$'-.' 70#8' 7%!*%;!0' +2, !+' '-' 5'660#0-$' :%#$+' 6' $,0' 2 *-$#8' 4 -.' $,0+0' %#0' $,0' 7%#' *+' 02,%-'2+' -+$'$*$0+' &<% %*' %-5' %!!'05' #.%-'G%$' -+' %-5' +*2,'' -+$'$*$' -+' %+' #%$$' -+$'$*$0' %-5' :0#' -' -' &<% %*' '-' 01' #3' '$8' ,0' 2!%++0+' .'70-' *-50#' $,0' %*+:'20+' 6' $,0' ' %-5' $,0' ' %#0' 6' .#0%$' 7%!*0' %-5' #0%2,'!%#.0' --*4;0#+' 6' ; 8+' %-5' .'#!+' 40-' %-5' 1 40-' ,0' '-+$#*2$' -' 660#05' ;8' $,0+0' #.%-'G%$' -+' 5'660#+' 1'50!8' 7%#8' -.' 6# 4' 2!%++0+' '-' #0%5'-.' %-5' 1#'$'-.' $' 2 *#+0+' '-' :!*4;'-.' +2'0-$'6'2' %570#$'+'-.' %*$ 4 ;'!'-.' %-5' %!4 +$' 070#8' ;#%-2,' 6' '-5*+$#'%!' $02,-'2%!' %-5' 2 4 40#2'%!' %+' 10!!' %+' 2*!$*#%!' '-+$#*2$' -' ,0'.#0%$' 5090 70! :40-$' '-' $,'+' 2 *-$#8', 1070#', %+';00-' '-' $,0' :*;!'2' 070-'-.' +2, !+' $,0# 05*92%$' -%!' %.0-28' '+' #0%2,'-.' + ' !%#.0' %' :%#$' 6' $,0' 1 #3'-.' :0 :!0' %+' $,0+0' 070-'-.' +2, !+' ,0',' +$ #8' 6' $,0+0' :*;!'2' 070-'-.' +2, !+' 4%8';0'# *.,!8' 5'7'505' '-$' $,#00' :0#' 5+ + ' .(% / ', 0' 6'#+$' :#'9 7%$0' 070-'-.' +2, !' 40-$' -05' '-' $,0' #02 #5+' 6 #' 01' #3' '$8' '+' $,%$' $%*.,$' #:# : +05' $';0' $%*.,$';8' (%40+' 850' '-' $,0' 2*+$ 49 , *+0' '-' 0:$04;0#' >LJK' $' 1%+' % R' 4%$,09 4%$'2%!' S' +2, !'%-5' '-2!*505' +*2,'+*;&02$+' %+' R' %#'$,40$'2' '-' %!!' '$+':%#$+' .0 40$#8' $#'. 9 - 40$#8' -%7'.%$' -' +*#708'-.' .%*.'-.' %!.09 ;#%' %-5' +*-5#8' $,0#' :%#$+' 6' 4%$,04%$'2%!' !0%#-'-.' S' *$' 1,'!0' $,'+' +' $,0' 6'#+$' :#'7%$0' +2, !' '$' 4*+$';0'-$05' $,%$' 070-'-.' +2, !+' '-' 2 --02$' -' 1'$,' $,0':*;!'2' 0!040-$%#8' +2, !+' 10#0' 2 44 -' '6' -$' $,0' #*!0' %4 -.' $,0' *$2,' 6' 01' 0$,0#!%-5+' %-5' ! -'%!' 01' #3' ,08' %#0' $,*+6*-5' %$' 01' 4+$0#9 5%4' '-' >00>' '-.+$ -' '-' >00)' !%$;*+,' '-' >OLK' %-5' $,0#0%6$0#' $' +004+' :# ;%;!0' 6# 4' %::#0-$'20+,':' #02 #5+' $,%$' $,0+0' 070-'-.' +2, !+' 10#0' 0+:02'%!!8' %$$0-505';8' $, +0' 1,' 10#0' 0-.%.05' '-' 1 #3' 5*#'-.' $,0' 5%8' ,0' #%$0+' 6' $*'$' -' 6 #' 070-'-.' '-+$#*2$' -' 10#0' ,'.,0#' $,%-' '-' $,0' 5%8' +2, !' H 00' ' C 1', % 5' #'7%$0' 070-'-.' +2, !+' +004' $',%70',%5' $,0'# .#0%$0+$' 5070! :40-$' '-' $,0' ;0.'--'-.' 6' $,0' -'-0$00-$,'20-$*#8' -' >)NJ' $,0' *;!'2' 2, !' 2'0$8' :%++05' %' #0+ !*$' -' :0#4'$$'-.' $,0'# $0%2,0#+' $', !5' 070-'-.' +2, !+' '-' $,0' +2, !' ;*'!5'-.+' %$'$,0'# 1-' 0E9 :0-+0' *'$' -' 600+' 10#0' *+*%!!8' 0,%#.05' -' 01' -.!%-5' $,0' 6'#+$' 40-$' -' 6 *-5' 6' %' :#'?

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1%+' + 40' 5 *;$' %; *$' $,0' #'.,$' $ ' 0E:0-5' :*;!'2' 4 -08' 6 #' +*2,' +2, !+' ;*$' '$' 1%+' !06$' $ ' $,0' 5'+9 2#0$' -' 6' $,0' +2, !' ; %#5+' 8' %-' %2$' 6' $,0' U*0-20' $,08' 10#0' 5'+2 -$'-*05' ,0+0' +2, !+' !0.'+!%$*#0' 6' %++%2,*+0$$+' %:::# 705' %#' 10#0' 6#00' %-5' U*%+'?:*;!'2' $,0' 4 -08' *+05' NP' >)ML' :0#4'++' -' 1%+' .'70-' $ ' 2'$'0+' %-5' 6 # $,0'# +*:: #$' 1%+' $%30-' 6# 4' $,0' .0-0#%!' $ 1-+' $ '%:::# :#'%$0' 4 -08' 6 # $,0' +*:: #$' 6' 6*-5' 6' $,0' + 2'0$8' 1,'2,' 1%+' 4%50' *:'-':%#$' +2, !+' 6 #' $,0' '-+$#*2$' -' 6' %5*!$+' '-'#0%5'-.' 6' :*;!'2' 4 -08' %-5' '-':%#$' 6' .'6$+' %-5' ;09 1#'$'-.' -.!'+,' .#%4 4%#' %#'$,40$'2' %-5' U*0+$+' 6$0#' $,'+' $,0#0' +00 4' $ ';0' - ' #02 #5+' .0 .#%:,8' -' $,'+' %2$' - ' 40-$' -' '+' 4%50' 6' 070-'-.' +2, !+' *-$'!' >)ML' ,08' 4%8' $,0' $,0#0' +0 4' $ ';0' - ' #02 #5+' ;0' .'70-' %-5' $,0#0' '+' - $,'-.' $ ' '-5'2%$0' ,%70' ;00-' 2 -$'-*05' +*:: #$05' ;8' :,'!%-9 1,0$,0#' '$' 1%+' '-$0-505' $ ' %:::!8' $,'+' $ ' 070-9 $,# :'2' %.0-2'0+ 7%#' *+!8' 01' 056 #5' :0-05' $1 ' 070-'-.' ' 5 ' +02 (' ' .(% / ' ,0''-.' +2, !+' # - $' '$'0+' '-$0#:#0$05' '$' 6#00' :*;!'2' 070-'-.' +2, !' 5070! :05' 5'#02$!8' +2, !+' '-' 0204;0#' >)M)' 1,'2,' 10#0' +*:9 %-5' -%$*#%!!8' 6# 4' $,0' 070-'-.' +2, !' 2 -9 :#$05' 6# 4' $,0' #0.*!%#' 6*-5+' %-5' #20+$0# $# !!05' ;8' :,'!%-$,# :'2' %.0-2'0+' %-5' :%#$!8' :0-05' $,#00' +2, !+' '-' >)MP' %!+' +*:: #$05' +*:::#$05' ;8' :*;!'2' 4 -08' *$' 1,0-' 10!!' $#'05' $' :0-05' '-' >)JJ' '-' 01' #3' 10#0' 6#00' %-5' '-' 5' $,0' +%40' $,0' :: +'$' -' 1%+' +' +$# -.' $,%$' %#' 4' :*;!'2' 6*-5+' -' >)ML' %$' $,0' *#.0-$' %-' '-&*-2$' -' 1%+' ;$%'-05' 1,'2,' +$%805' $,0' + !'2'$%$' -' 6' $,0' ;%#5' 6' 05*2%$' -' $,0' !0.'+9 :%840-$' 6' 4 -08' 6 # $,0' 4%'-$0-%-20' 6' !%$*#0' 6' 01' #3' :%++05' %' !%1' 04:10#'-.' %#04' 10#0' +*220++6*!' -' +$ -' +'E' +2, !+' $,0' ;%#5' $ ' 2 -5*2$' 070-'-.' +2, !+' 6 # 4%!0+' 10#0' :0-05' *-50#' $,0' 2,%#.0' 6' %+:02'%!' 2 49 %-5' %*$,#'G'-.' $,0' 0E:0-5'$*#0' 6' OKKK' :0# 4'$$00' -' 070-'-.' +2, !+' ,08' 10#0' 30:$ %--*4'6 #'$,'+':*#:+0' 2$'-.' -'$,'+'%*$,#9 :0-5' 6 # %' $0#4' 6' +070-$00-' 1003+' %-5',%5' '$8' $,0' ;%#5' :0-05'+'E' +2, !+' '-' 704;0#' %-'0-# !!40-$' 6' JNNM' 54'++' -' 1%+' #06*+05' >)ML' ,0+0' 10#0' '-' 2,%#.0' 6' %+:02'%!' 2 49 $ ' ,*-5#05+' ,'#$8?-0' $0%2,0#+' 10#0' 049 4'$$00' -' 070-'-.' +2, !+' ,08' 10#0' 30:$:!805' -' >)M)' $,0' !0.'+!%$*#0' %*$,#'G05' $,0' :0-'-.' 6' 070-'-.' +2, !+' 6 # 1 40-' %-5'.'#!+' %-5' %!! 105' %-' 0E:0-5'$*#0' 6' ^>Q KKK' ,'+' .#0%$!8' '-2#0%+05' $,0' *+06*!-0++' 6' $,0' +2, !+' %-5' $,0'# 5070! :40-$' 1%+' #%:'5' 70-'-.' +2, !+' 10#0' %!+' %*$,#'G05' '-' # 3!8-' ;8' $,0' !%1' 6' >)QK' %-5' 10#0' #.%-'G05' '-' %!$'4 #0' '-' >)MK' ;8' $,0' ;%#5' 6' 05*2%$' -' 1,0-' +'E' +2, !+' 10#0' :0-05' 6 # %::#0-$'20+' %-5' $,0# 8 *-.' 40-' ,08' 10#0', 1070#'5'+2 -$'-*05' '-' >)MJ' ,0' #0%+ -+'.'70-' ;8' $,0' ;%#5' 10#0' H>F' 1%-$' 6' :%$# -%.0' HNF' 0E:0-+0' HJF' %::!'9 2%$' -' 6' $,0' 40%-+' 6 # 05*2%$' -' 6' %::#0-9 $'20+' $,%$' +, *!5' ;0' *+05' 6 # $,0' '-+$#*2$' -' 6' 8 *-.0#' :*:'!+' -' >)QO' $,08' 10#0' %.%'-' #09 +*405' *'+7'!!0' 8 ' 1%+' -0' 6' $,0' 6'#+$$' 0E:0#'40-$' 1'$,' :*;!'2' 070-'-.' +2, !+' -' 704;0#' >)JM' %+4%!' :*;!'2' 070-'-.' +2, !' 1%+' :0-05' 1,'2,' 1%+' 2 -$'-*05' 6 # $1 ' 80%#+' %-5' $,0-' 5'+2 -$'-*05' :0-05' 6 # -0' 80%#' '-' >)MN' 6 # %- $,0# 80%#' '-' >)QP' 6 # $,#00' # 6 *# 80%#+' '-' >)LJ' %-5' 6'-%!!8' 0+$%;!'+,05' '-' >))N' ,' ' 1%+' $,0' 6'#+$' +$%$0' $ ' :%++' %!%1' #0.%#5'-.' $,0' 0+$%;!'+,40-$' 6' :*;!'2' 070-'-.' +2, !+' H 02$' -' W ' 6' $,0' %2$' :%++05' ;8' $,0' !0.'+!%$*#0' 6' ,' ' %#' >O' >)JP' -' %22 #5%-20' 1'$,' $,'+' %2$' $,0#0' 10#0' :0-05' '-' '-2'--%$'' '-' 704;0#' >)MK' $,#00' 070-'-.' +2, !+' 1,'2,' ,%5' % 6%'#!8' 2 -$'-* *+' 0E'+$0-20' ;0'-.' '-' +0++' -' %!' ;*$' -0' 80%# *:' $ ' >)O>' -' >)QO' +2, !+' 6 # .'#!+' 10#0' %!+' :0-05' ' 6%# %+' 2%-';0' 50$0#4'-05' -' $,0# 2'$8''-' ,' ' :0-05' 070-'-.' +2, !+' '-' %22 #5%-20' 1'$,' $,'+' !%1' ,0-' $,0' 2 44 -' +2, !+' 10#0' #0 #.%-'G05' '-' >)QJ''$' 1%+' - ' ! -.0#' 4%50' ;!'.%$ #8' $ 4 704 0-$' 6 # 070-'-.' +2, !+' 1%+' $ 1%#5

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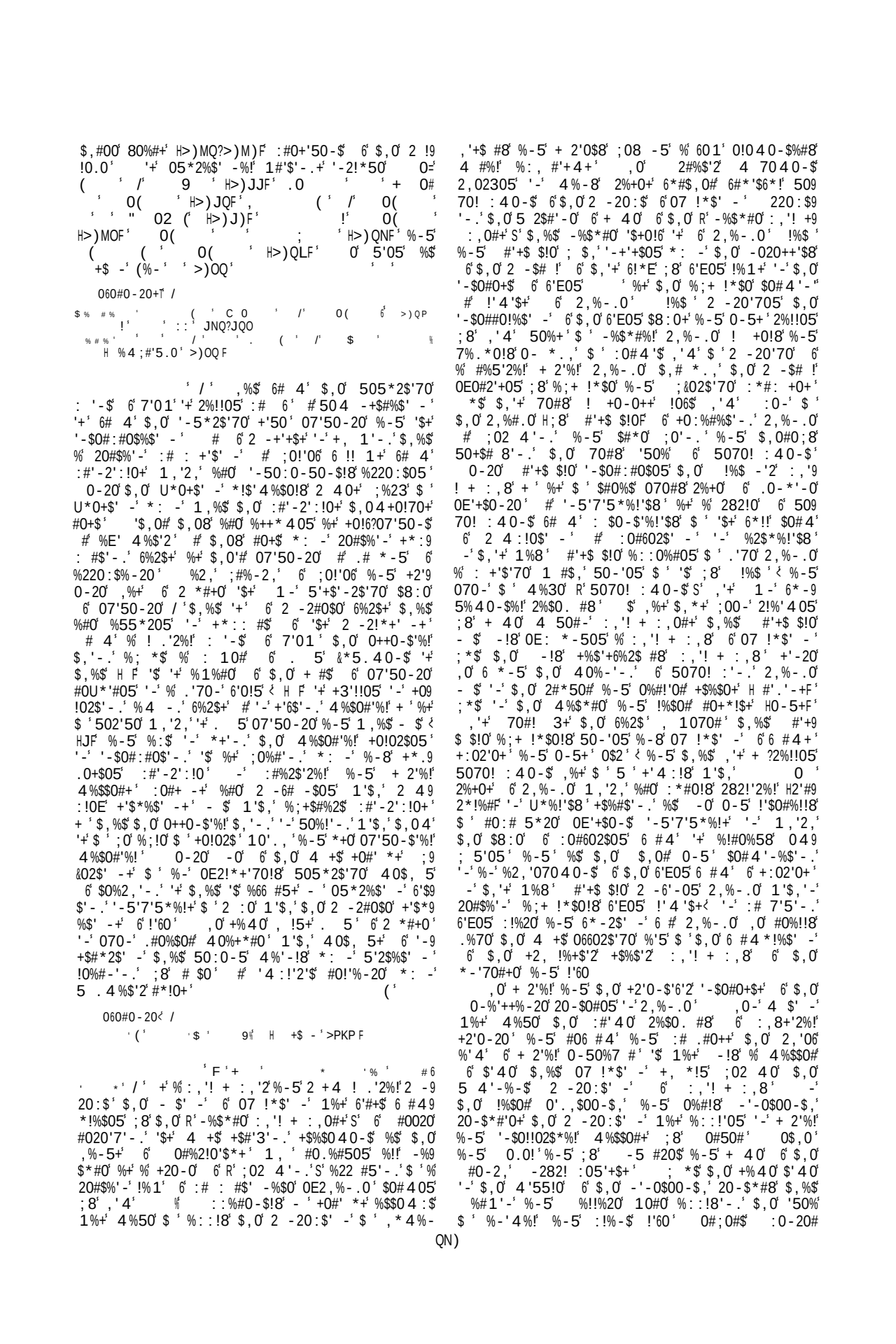
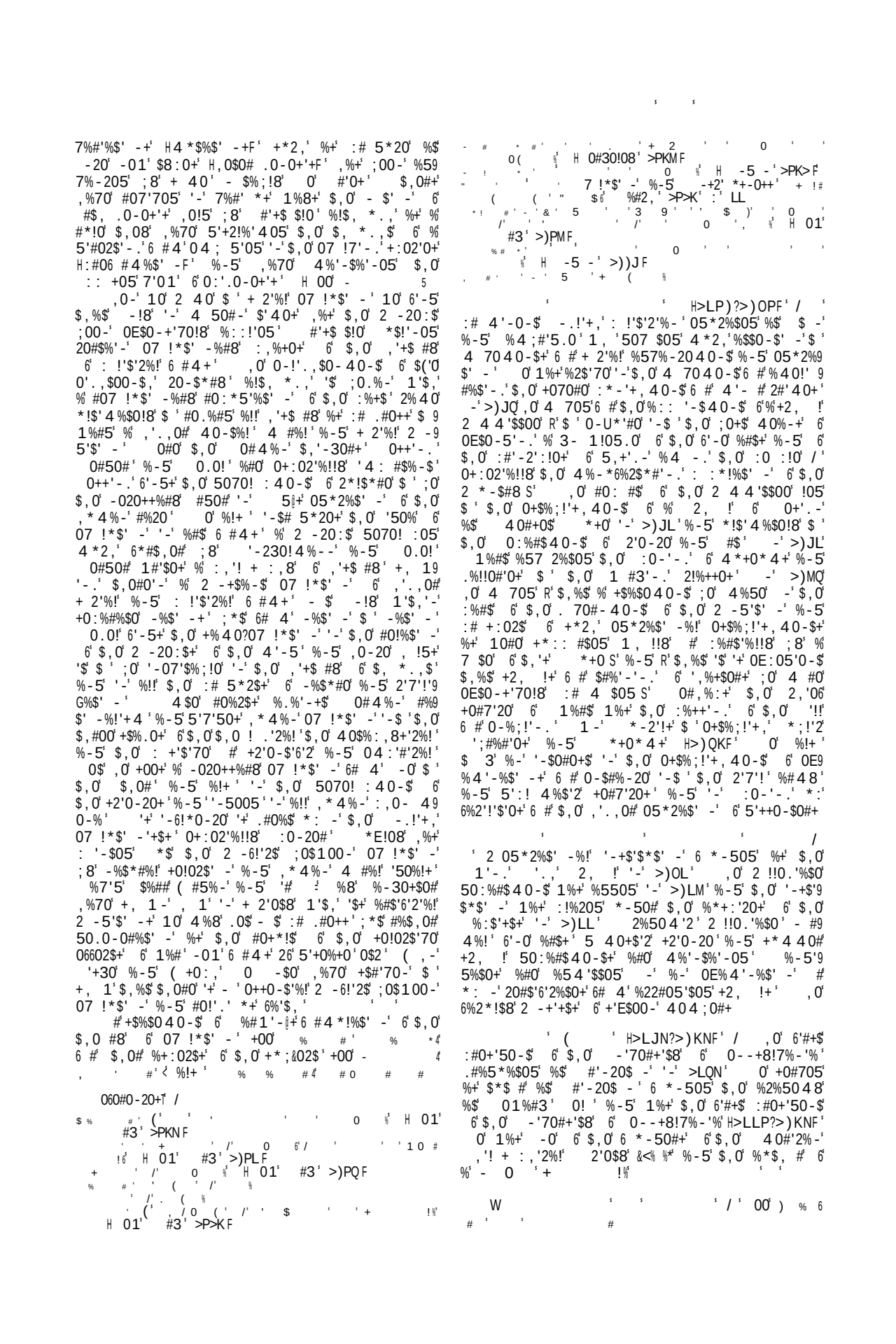


2 *!5s ;02 40s +*220++'70!8s 1%$0#s %'#s 6'#0s %-5s :0#,%:+s 0$,0#s 04 2#'$*+s &/ %s(%s MQKs 2 Fs %##'705s %$s $,0s - $' -s $,%$s $,0s 5'660#0-20+s ;0$100-s +*;+$%-20+s 2 *!5s ;0s #05*205s $ s 5'69 60#0-20+s '-s $,0s 6 #4s %-5s +'G0s 6s $,0'# 2 -+$'$*9 0-$s %$ 4+s 0-20s %s 2,%-.0s '-s 6 #4s # +'G0s 4*+$s '-7 !70s %s $#%-+6 #4%$' -s 6s $,0s +*;+$%-20s $,0#+s !'30s -%E'4%-50#s 49 :05 2!0+s HMPQ?MJQs Fs %-5s -%E%. #%+ HQKK?MN)s 2 Fs ,0!5s $,%$s $,0s :#'4'$'70s 0!040-$+s 2 *!5s - $s ;0s $#%-+6 #405s '-$s 0%2,s $,0#s 0-20s $s $,04s $,0s :# 20++s 6s 2,04'2%!s 07 9 !*$' -s 1%+s -0s 6s2 4: *-5'-.s%-5s+0:%#%$'-.s $,0s #'.'-%!s +*;+$%-20+s 50#-s 2,04'+$#8s ,%+s6 !! 105s$,'+s2 -20:$' -s*-$'!s#020-$80%#+s ,0s2,04'+$+s ,%70s #05*205s $,0s +*;+$%-20+s $s 0!040-$+s %$s :#0+0-$%; *$s+070-$8s'-s -*4;0#s %-5s $,0s '--*40#%;!0s 2 4: *-5+s 6s $,0+0s ,0s 5'+2 70#'0+s 6s 20#$%'-s :0#' 5'2s #0!%$' -+s %4 -.s 0!040-$+s %-5s 6s #%5' %2$'7'$8s ,%70s , 1070#s !05s 4%-8s 4 50#-s 2,04'+$+s $s $,0s ;0!'06s$,%$s 0!040-$+s+*660# $#%-+6 #4%$' -s%-5s 4%8s :%++s '-$s 0%2,s $,0#s ,*+s 2,04'2%!s 07 !*$' -s;02 40+s-$s40#0!8s%:# 20++s62 49 :*-5'-.s%-5s#0+ !7'-.s0!040-$+s;*$s 6s $,0s %2$*%!s 2,%-.0s502%8s%-5s $#%-+4*$%$' -s 6s 0!040-$+s $,04+0!70+

,0s'50%s 6s.0 ! .'2%!s07 !*$' -s1%+s6%4'!'%# $s $,0s%-2'0-$+s ,0s $,0 #'0+s 6s% :#'4'$'70s 6'0#8s+$%$0s%-5s 6s%-s0%#!'0# 2 -5'$' -s'-s1,'2,s $,0s1 #!5s1%+s2 70#05s1'$,s1%$0#s6# 4s1,'2,s !%-5s +*#6%20s !%$0# %::0%#05s 10#0s2 44 -s %4 -.s $,04s W0- :,%-0+s HQL ?M)Ks ! s 's '50-$'6'05s 6 ++'!+s %#s $,0s #0!'2+s 6s 6 #40# !'60s %-5s%#.*05s6# 4'$,0s:#0+0-20s 6s $,0s6 ++'!+s 6s 4%#'-0s%-'4%!+s*:-s4 *-$%'-+s$,%$s $,08s,%5s 6 #40#!8s;00-s2 70#05s;8s 1%$0#s 7'20--%s %-s #%;'%-s:,'! + :,0# 6s $,0s $0-$,s 20-$*#8s #0.%#505s 4 *-$%'-+s %+s 0'$,0#s $,0s O6602$s 6s 7' !0-$ *:,0%7%!+s 6s $,0s 0%#$,||+s 2#*+$s %+s ;8s 0%#$,U*%30+s 0$2s # 6s 0# +' -s;8s 1%$0#s #s :0#,%:+s ; $,s 6 #20+s ,0s 0%#!'0# .0 ! .'+$+s 10#0s 5'7'505s '-$s $,0s 2%$%2!8+4'2s +2, !s1, s ;0!'0705s$,%$s$,0s7%#' *+s60%$*#0+s 6s$,0s0%#$,||+s +*#6%20s %# +0s 6# 4s 7' !0-$ 2%$%2!8+4+s %-5s $,0s *-'6 #4'$%#'%-+s 1, s ,0!5s$,%$s$,08s 10#0s :# 5*205s ;8s$,0s%2$' -s 6s 2%*+0+s 6 *-5s'-s :0#%$' -s ?5%8s 80!!s 4%8s ;0s#0.%#505s%+s $,0s -0s1, s ;# *.,$%; *s,0s506'-'$0'%5 :$' -s 6s$,0s*-'6 #4'$%#'%-'s '-$s 6s7'01s ,0s509 70! :40-$s 6s$,0s2 -20:$s 6s.0 ! .'2%!s$'40s 1%+s 6s'4 40-+0s 7%!*0s'-s6*#$,0#'-.s$,0s049 :!840-$s 6s$,0s.0-0#%!s- $' -s 6s07 !*$' - s'+s'-s #060#0-20s $s s$,0s ,'+$ #8s 6s #.%-9 '+4+s$,%$s$,02 -20:$s 6s07 !*$' -s6'-5+s+:02'%!s %:!'2%$' -s #07 !*$' -s'+s$, *.,$$s40%-s :# .#0++s%-5s1,'!0s$,0s$#%-+6 #4%$' -+s 6s$,0s '- #.%-'2s 1 #!5s%#0s - $s'-s$,04+0!70+s;0$$0#9 40-$+s$,0s2,%-.0+s'-s$,0s,'+$ #8s 6s!'60s,%70s ;#*.,$%; *$s1,%$s'+s#02 .-'G05s$s;0s0E$#% #9 5'-%#8s %57%-20s -5005s$,0s 1 #5s R07 9 !*$' -S s1%+s6'#+$ *+05s;8s --0$ H>LNK?>LPJFs $s'-5'2%$0s$,0s5070! :40-$$s%:0#602$s6 #4s 6s$,%$s 1,'2,s'+s2 -$%'-05s'-s%!'7'-.0#4s 4 -.s$,0s #003+s$,0s'50%s$,%$s$,0s6 #4+s 6 !'60s 2,%-.0s%-5s'4:# 70s 1%+s 10!!s 3- 1-s ,%!0+s%-5s -%E'4%-50#s,0!5s$,%$s!'60s%#+0s 6# 4s$,0s+!'40s6s$,0s+0%s ,0s!%$$0#;0!'0705s 5'+$'-2$!8s'-s%;' .0-0+'+s #s$,0s$,0#8s$,%$s !'60s%#+0s6# 4s$,0s'-#.%-'2s1#!5s%7'01s 5'+2#05'$05s $?5%8s 4:05 2!0+s,0!5s$,%$s $,0s6 #4+s 6s!'60s$,*+s%#'+'-.s6# 4s$,0s0%#$,s 10#0s'-s.#0%$s7%#'0$8s%-5s$,%$s$, +0s'4:0#9 602$!8s%5%:$05s 10#0s0E$0#4'-%$05s!0%7'-.s$,0s :0#602$s 6 #4+s ,*+s 10s ,%70s %s R+*#7'7%!s 6s$,0s6'$$0+$Ss ,0#0s'+-s07'50-20s, 1070#s $s2 -7'-20s*+s$,%$s 4:05 2!0+s;0!'0705s -0s +:02'0+s $s ;0s $#%-+6 #405s'-$s%-$,0# ;8s $,'+s :# 20++s ,0s6'E'$8s 6s+:02'0+s 1%+s%!+s 4%'-$%'-05s;8s #'+$ $!0s1, s ::+05s$s$,0s 2 -20:$'-s 6s%2,%-20s #'.'-s 6s$,0s6 #4+s 6s !'60s%-5s$,0s +*#7'7%!s 6s$,0s;0$$0#s%5%:$05s -0+s$,0s-$'-s 6s$,0s+$#*..!0s 6s0%2,s'-9 5'7'5*%!s$s0E:#0++s:0#602$!8s$,0s6 #4s 6s$,0s +:02'0+s 1,'2,s1%+s'4:!%-$05s'-s'$s *2,s%s +$#*..!0s,0s$,*.,$s0E:!%'-+s5070! :40-$s #07 !*$'-s1,'2,s,0s$,0#06 #0s'-$0#:#0$05s %+s#$, .0-0$'2s#%$,0#s$,%-s%+s50:0-50-$s*:-s 2,%-20s7%#'%$' -

50#-'+$*58s6s#.%-'+4+s1%+s%$s6'#+$*-50# $,0s5 4'-%-20s6s$,0s'50%s$,%$s+:02'0+s10#0s 6'E05s *2,'+004+s s;0s$,0s- $' -s6s '--%?*+s H>LKL?>LL)Fs %!$, *.,s %$s $'40+s,0s +*..0+$+s $,0s: ++';'!'$8s6s $#%-+6 #4%$' -s'-s:%#$'2*!%# 2%+0+s -s$,0s $,0#s,%-5s *66 -s H>LKP?>L))Fs '-2!'-0+'$ 1%#5s$,0s- $' -s6s$,0s.#%5*%!s $#%-+9 6 #4%$' -s6+:02'0+s$,# *.,'$,0'-6!*0-20s6'0-9 7'# -40-$*:-s'$,04s 4 -.s:,'! + :,0#+'-s $,0s0'.,$00-$,s20-$*#8s$,0s'50%s6s #.%-'2s 07 !*$' -s;02%40s U*'$0s2 44 -s %!$, *.,s $,0s2 -+0#7%$'70s6 #20+s6s+ 2'0$8s10#0s%s -s $,0s+'50s6s+:02'%!s2#0%$' -s%-5s6'E'$8s6s +:02'0+s%s7'01s+*::#$05s- $s -!8s;8s#0!'.' *+s $#%5'$' -s;*$s%!+s;8s$,0s.#0%$s%*$,#'$8s6s *7'0#s #%+4*+s %#1'-s H>LJ>?>))KNFs %-5s 0+:02'%!!8s %4%#23s H>LMM?>))NPFs ;0!'0705s'-s #.%-'2s07 !*$'-s$,#*.,s$,0s O6602$+s6s*+0s %-5s5'+*+0s -s$,0s0%#!8s:%#$s6s$,0s-'-09 $00-$,s20-$*#8s$,0s'50%s6s$,0s07 !*$'-s6s +:02'0+s$,# *.,s$,0s-%$*#%!s+0!02$'-s6s+*2,s 2,%-20s7%#'%$'-+s%+s 4%50s6 #;0$$0#%5%:$%$'-s 1%+s+*..0+$05s;8s+070#%!s-%$*#%!'+$+s;*$s'$ #04%'-05s6 #,%#!0+s%#1'-s H>)KP?>))NFs $s %22*4*!%$0s+*2,s%s 4%++s6s07'50-20s%+s*!$'9 4%$0!8s$s2 -7'-20s$,0s+2'0-$'6'2s1 #!5s6s$,0s 0E'+$0-20s6s+*2,s%:# 20++s %#1'-s%54'$$05s $,0s'-6!*0-20s6s$,0s O6602$+s6s*+0s%-5s5'+*+0s %+s%6%2$ #'-s07 !*$'-s '-20s,'+$'40s+070#%!s +2, !+s,%70s%#'+0-s ,0s 0?%#1'-'%-+s 6s1, 4s$,0s!0%50#+s%#0s 0'+4%--s %!!%20s %-5s %!$ -s50-8s$,0s'-,0#'$%-20s6s$,0s O6602$+s 6s*+0s%-5s,0-20s -s$,0'# 7'01s$,0s %4%#239 '%-s6%2$ # 5 0+s -s$ %%602s,0s07 !*$' -s6s +:02'0+s ,0s 0?%4%#23'%-+s 4%'-$%'-s $,0s '-,0#'$%-20s6s%2U*'#05s2,%#%2$0#'+$'2+s %+s%:#'40s2%*+0s6s07 !*$' -s H 00s '6 8s %%'*'5s -s#020-$s80%#+s $,0s:++';'!'$8s607 !*$' -s$,#*.,s$,0s-%$*#%!s +0!02$' -s6s2,%-20s7%#'%$' -+s,%+s;00-s U*0+9 $' -05s,0s'50%s$,%s''+s$,#*.,s#%5'2%!s



,0 +8+$04 5'5 - $ 2 -$'-*0 1'$, *$ 2 -+'59 0#%;!0 : : +'$' - 6# 4 $, +0 '-$0#0+$05 ''- 05*2%$' - %$$,01 #- !5 4<% %*6 ,'4+0!6 %-''-+:02$ #$#0: #$+R ,%$$,0 4 50 6$0%2,9 '-.' '- $,0 :#'4%#8 +2, !+ ,%+ 6%!!0- 66 '- '-$0!!'.0-20 +:'#'$ %-5 '-70-$'70-0++S 1'-. $ $,0'-$# 5*2$' - 6$,0 402,%-'2%!:# 20++0+ !'.,$ 4 5'6'2%$' -+ 10#0 4%50 '-$,0 +8+$04 $,0 %4 *-$+ 6 $,0 .#%-$+ 10#0 %!$0#05 %55'$' -%! .#%-$+ 10#0 .'70-'6 # R'+:02'6'2 +*;&02$+S H.0 .#%:,8 ,'+$ #8 %!.0;#%.0 49 0$#8 %-5 %-8 $,0# +2,040 6 1 #3 %::# 705 ;8 $,0 '-+:02$ #F 0E%4'-%$' -+ 6 $%-5%#5+ %-5 10#0 %; !'+,05 '- >)LJ %-5 >)LM ,0 8%! 5*2%$' - 44'++' - 6 >))O?>)))' #02 .-'G05 $,%$ + 40 5 *;$ 1%+ 0E:#0++05 1,0$,0# $,0 +8+$04 6 0E%4'-%$' -+6 +$0#+%, 0%!$,8 600!'-.' %-5 1%+ '-2!'-05 $;0!'070 $,%$ 70#:#0++*#0 ; $, 6 $0%2,0#+%-5 :*:'!+ 1%+2%*+05 ,0 4%& #'$8 ,0!5 $,%$ R'+'! -.' %+%4 -08 7%!*0 '+ %$$%2,05 $ 0%2,'+*220++ '- $,0 '-5'7'5*%! 0E%4'-%$' - 6 $,0 2,'!5#0-' %$$0-5'-.' %-8 0!040-$%#8 +2, !' %-5 + '! -.' %+ $,0 $0%2,0#+ %#0 50:0-50-$ - $,0 .#%-$6 # :%#$ 6 $,0'# '-2 40 $,0#0 '+ .#0%$ #'+3 $,%$ $0%2,0#+''-2 -+'50#'-.' $,0'# 1-#0:*$%$' - %-504 !*40-$+ 4%8 0-5%-.0# $,0 ,0%!$,%-5 10!6%#0 6 $,02,'!5#0-S -$,0+%40:0#' 5'%-%.'$%$' - 1%+2 -5*2$05''-$,0 :#0++H+00 - # 0 !6 704;0#' >)))' %-5 0;#*%#8 >))PF -$,0 1, !0 U*0+$' - 6 0E%4'-%$' -+' %-5 #' *;0# -' 0#;0#$:*;!'+,05'6 2 !!02$' - 6 !0$$0#+*-50# $,0$'$!0 (/(' /' 0(H -5 -' >))PF +%#0+*!$''-5'7'5*%!' 0E%4'-%$' -+ 10#0 %; !'+,05 '- >)PK %-5 R 0E%4'-%$' - ;8 +%4:!0 J 1%+ '-$# 5*205 8 1,'2,' $,0 '-+:02$ #+2 *!5 0E%4'-0 5'660#0-$:%#$+ 6 % 2!%++'-5'660#0-$ +*;&02$+' -'>)PQ'-+:02$ #+2 *!5'7+'$+2, !+ 1'$, *$:#07' *+- $'20 8 >)PL $,0 +8+$04 6 :%840-$;8 #0+*!$+1%+%;!'+,05 %-5'1'$,''$ $,0 +8+$04 6 1, !0+%!0 0E%4'-%$' -+ %$ $,0 ,%-5+ 6 $,0 .70#-40-$ +'4'!%# +8+$04 6 0E%4'-%$' -+ %-5 :%89 40-$ 6 .#%-$+ -' $,0 #0+*!$+ 1%+ 04 :! 805 ;8 $,0 2'0-20 %-5 #$ 0:%#$40-$+ $ +2, !+ 6 # :*:'!+ 1'--.':#'G0+< %$ 6'#+$ -!8 +'E +*;&02$+ 10#0 660#05 6 # 0E9 %4'-%$' - %-5 $,'+ -*4;0# 1%+ .#%5*%!!8 #%'+05 $ $10-$8?+'E !040-$%#8 +2, !' $0%2,0#+ U*%!'6'05 $,04+0!70+ ;8 ;$%'--.' $,0 50:%#$40-$ 20#$'6'2%$0 %-5 ;8 $0%2,'-.'+2'0-20 +*;&02$+ '-' $,0 070-'-. 10#0 %;!0 $ +02*#0 $,0 .#%-$,0 +8+$04 0-2 *#%.05 $,0 #'+0 6 +2, !+ 6 +2'0-20 %-5 $,0 $0%2,'-.' 6 +2'0-20 %-5 %#$ +*;&02$+' -' +02 -5%#8 +2, !+ %89 40-$+;8 #0+*!$+ 10#0 %; !'+,05 ;8 $,0 0:%#$9 40-$ '-' >)PQ -' $,0 $1 +8+$04 + 6%# 40-$' -05 $,0#0 1%+ %$ %-8 #%$0 %20#$%'-'%4 *-$ 6 *-'6 #4 $8 '-'+$%-5%#5+ 6 #0U*'#040-$+ %-5'-' #.%-'G%9 $' - *$ '$ 1%+ '-' $,0 6'0!5 6 +02 -5%#8 05*2%$' -'$,%$'$,0 $8#%--8 6 0E%4'-%$' -+ %-5 0E%4'-'-.' ; %#5+ 1'$,' 5'660#0-$ +$%-5%#5+ #0U*'#040-$+ #.%-'G%$' - %-5 5%$0+ 1%+ 60!$ - >)QJ $,0 !!0.0 6 #020:$ #+ 4<% %* ;0.%-' % +8+$04 6 0E%4'-%$' -+''-+02 -5%#8 +2, !'+*;&02$+'H %$'-' #0-2,' -.!'+,''+$ #8 4%$,04%$'2+ .0 .#%:,8 5#%1'-.' + 40 +2'0-20 %-5 #003F ,0 0E%4'-%$' -' 1%+ :0-$'$; $,'; 8+' %-5 .'#!+' %-5 20#$'6'2%$0+ 10#0 .'70-' -'$,0 #0+*!$+' ,0 0E%4'-%$' -+ 10#0 ,0!5 $1'20 % 80%# %$! 2%!5 20-$0#+' -' >)Q)' $,0 2'0$8 6 #$+' 1,'2,''-' >)QN ,%5 6 #405 % *-' -' 6 402,%-'2+ -+$'$*$0+' :# 9 :+05 $' , !5 0E%4'-%$' -+' 6 :0#+ -+ 70# 6'6$00-'80%#+' 6 %.0 -'!0%7'-.'+2, !''-4%$,09 4%$'2+ -.!'+,',+$ #8 %$'-' #0-2,' %-5' 0#4%-' '-' >)LJ $02,- ! .'2%!5 0E%4'-%$' -+ 10#0 %5505 ;*$ 10#0 $#%-+60##05 '-' >)LP $ $,0 '$8 %-5 *'!5+ 6 -5 -' -+$'$*$0' -' >)Q)' E6 #5 *-50#$ 3 $,0 0E%4'-%$' -' 6 :*:'!+'-+02 -5%#8 +2, !+$,# *.,% ; 58 6 50!0.%$0+ %-5 .%70 $,0 50.#00 6 ++ 2'%$0 6 #$+$ $ +*220++6*!2%-5'5%$0+' .'#!+ 10#0 %59 4'$$05 '-' >)LK %4;#'5.0 %!+ '-+$'$*$05 % +8+$04 6 0E%4'-%$' -+6 # ; 8+ -!8 '-' >)Q) %-5 0E$0-505 '$ $.'#!+' 1, 10#0 %!! 105 $ $%30 $,0 :%:0#+' -' >)OJ %-5 >)OQ 10#0 :!%205 -' $,0 +%40 6 $'-.' %+ ; 8+ #09 !'4'-%#8 +02$' -+6 # :*:'!+ *-50# 6 *#$00-' 10#0 %!+ '-+$'$*$05 0-$0#+ 10#0 0+$%;!'+,05 - $ -!8 %!! 70# #0%$ #'$%'-' %-5 #0!%-5 ;*$ %!+ '-' $,0 2 !-'0+ ,0 $1 *-'70#+'$'0+ ,0!5 $,0'# 0E%4'-%$' -+ %$ 5'660#0-$ $'40+ 6 $,0 80%#' ,0-'-' >)OP $,0#0 +00405 % : +9 +';'!'$8 $,%$ % .70#-40-$ 0E%4'-%$' -' 1 *!5 ;0 0+$"';!'+,05 6 #+02 -5%#8 +2, !+' %+ %#0+*!$ 6 $,0 -5 105 2, !+ 2$' $,0 ,0%54%+$0#+ %$ $,0'# 2 -60#0-20 '-' >)LK *#.05 $,0 *-'9 70#+'$'0+ $ $ $%30 *:' $,0 1 #3 %-5 $.#%-$!0%7'-.' 20#$'6'2%$0+ 1,'2,' 1 *!5 0E04:$ 6# 4 0-$#%-20 0E%4'-%$' -+ $ $,0 *-'70#+'$'0+ ,0 #0+*!$ 1%+$,0 0+$%;!'+,40-$ 6$,0 E6 #5 %-5 %4;#'5.0 2, !+ E%4'-%$' -' %#5 # $,0 ('-$ %#5''-' >)LJ '#!+' 10#0 %54'$$05 $ $,0 0E%4'-%$' -+ '-' >)L) %-5'-' >))N % &*-' # 20#$'6'2%$0 0E%4'-%$' -' 1%+ '-+$'$*$05 ,0 :%:0#+' 10#0 4%#305 ;8 $,0 4%+$0#+ 6 $,0 +2, !+ %-5 10#0 #0: #$05 -' ;8 $,0 0E%4'-0#+ -5 -' -'70#+'$8 ,0!5 '$+ 6'#+$ 0E%4'-%$' -' >)J) 1,'2,''-2!*505 %#'$,40$'2 %-5 %!.0;#% -.!'+,',+$ #8 .0 .#%:,8 #003 %$'-2,04'+$#8 -%$*#%!,+$ #8 .0 40$#8 %-5 2!%++'2%!,+$ #8 $*50-$+$ 3 6'#+$ $,0 :%+# :%:0#+ %-5 $,0-, -#+ $ 6'#+$ $,0 0E%4'9 -%$' -' 1%+!'4'$05 $ +$*50-$+''-%66'!'%$05 2 !9 !0.0+ 6 $,0 *-'70#+'$8 ;*$'-' >)Q)' 1%+$,# 1-' :0-, '+ 0E%4'-%$' -' 2 -$'-*05 $ '-9 2#0%+0''-5'66'2*!$8 %-5 2 4:!%'-$+ 10#0 ,0%#5 6# 4 +2, !+ *-$'!$,0 #0U*'#040-$+ 10#0 #07'+05 '-' >)P)' ,0-' $,0 -'70#+'$8 6 -5 - ;8 %2$ 6 >)P)' %.%'-' ;02%40 % $0%2,'-.' '-+$'$*$' - $,0 0E$0#-%!' 0E%4'-%9 $' -+6 # 0E$0#-%!' +$*50-$+ 10#0 #0$%'-05' 2%!' 0E%4'-%$' -+ %#0 %!+ 2 -5*2$05 ;8 *#,%4 '#4'-.,%4 %-2,0+$0#' '70#: !' 005+ %-5 ,066'0!5 *-'70#+'$'0+ $,0 !%+$ 6 *# ;0'-.' 2 4;'-05 %+ % ('-$ %$#'2*!%$' -' %#5 ,0 -'70#+'$8 6 %!0+ %-5 $,0

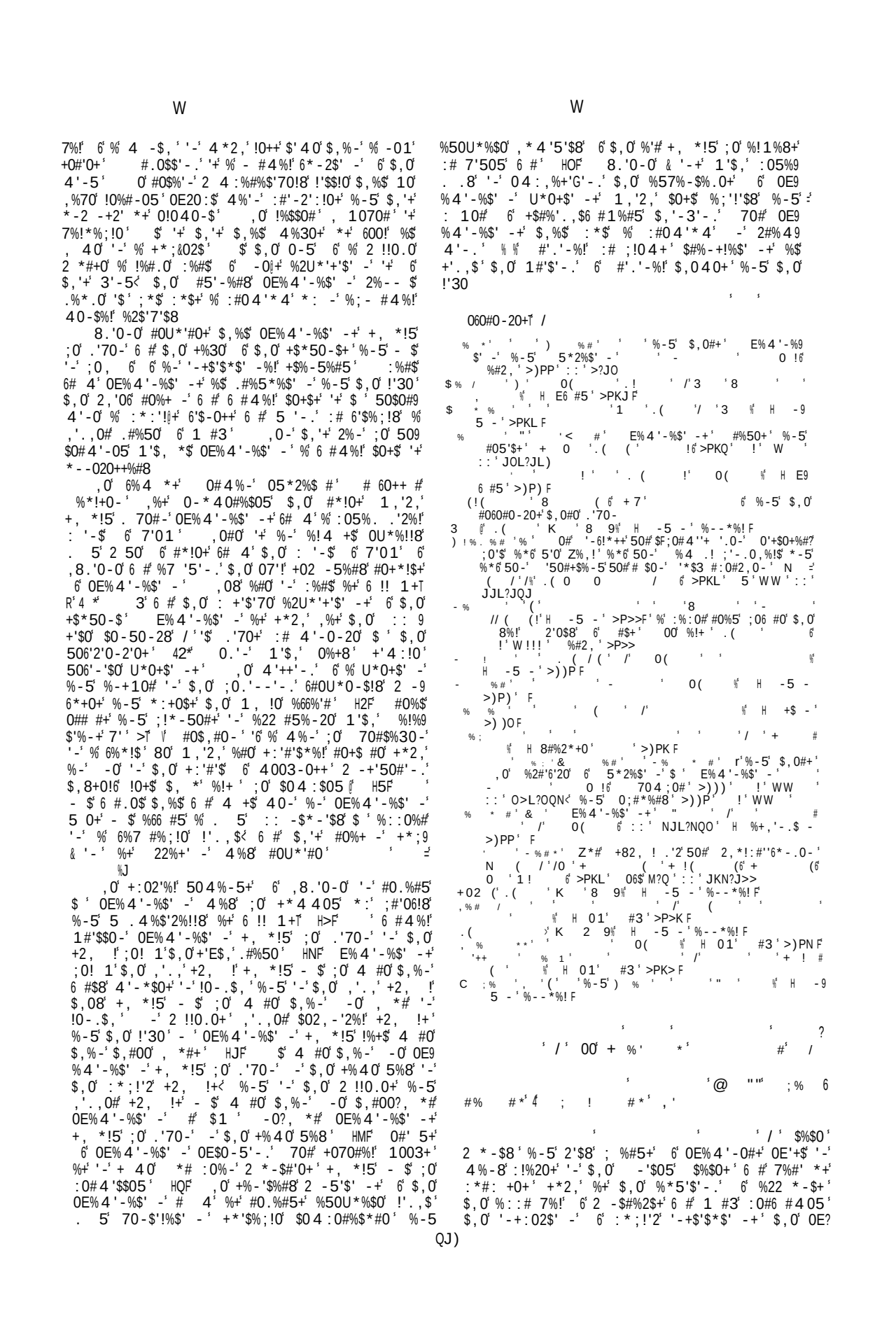
0-$#%!' 0!+,' %#5' %!+ ' , !5' 0E%4'-%$' -+' 6 #' 4%$#'2*!%$' -' %-5' !0%7'-.' 20#$'6'2%$0+ ' $,0# 0E%4'-'-.'; %#5+' %#0' $,0' -5 -' ,%49 ;0# 6' 440#20'$,0' '$8'%-5' *'!5+' 02,-'2%!' !!0.0' %-5' $,0' %-2%+,'#0' %-5' ,0+,'#0' -+$'$*$0' 1,'2,' %#0' 2 -20#-05' 4%'-!8' 1'$,' 0E%4'-%$' -+' '-' $02,-'2%!' %-5' +2'0-$'6'2' +*;9 &02$+' ,'+5 0+'- $'0E,%*+$'$,0' !'+$' 6' 0E%49 '-%$' -+' #' 0E%4'-'-.'; 5'0+' E6 #5' %-5' %4;#'5.0' '-' 4%-8' 2%+0+' '-+'$' -' 2%-5'5%$0+' :%++'-.'0'$,0# '-' 1, !0' #' '-' :%#$'$,0' 0+: -9 +' -+' %-5' #07' *+' E%4'-%$' -+' 1,'!0' $,0'# 2 !!0.0+' 4%8' '-+'+$' -' %-' %55'$' -%!' 4%$#'2*!%9 $' -' 0E%4'-%$' -' *#$,0#' - -0' 6' $,0' %; 70' 0E%4'-%$' -+' *+*%!!8' 2 *-$' %-8$,'-.' $ 1%#5' +2, !%#+,':+' #' :#'G0+' - #' $ 1%#5' $,0' 0E%4'9 -%$' -+' 6 #' 0-$#%-20' '-$' $,0' $#%'-'-.'+2, !+' 6 #' $,0' %#48' %-5' -%78' H !1'2,' %-5,*#+$' +; #-0F' #'-$' $,0' 2'7'!' +0#7'20' ,0' 5'660#9 0-$';#%-2,0+' 6' $,0' :*;!'2' +0#7'20+' ,%70' $,0'# 1-'0-$#%-20' 0E%4'-%$' -+' 1,'2,',%70' !05' $' $,0' 0+$%;!'+,40-$ 6' -*40# *+' R' 2#%44'-.'S' '-+$'$*$' -+' -0' 6' $,0' 07'!+' 6' $,0' 0E%4'-%9 $' -+' 6 #' $,0'! 10#';#%-2,0+' 6' $,0' 2'7'!' +0#7'20' '+' $,%$'; 8+' %-5' .'#!+' $0-5' $ ' !0%70' $,0' #0.*!%# +02 -5%#8' +2, !+' 6 #' $,0' 2#%4 40#

$' '+' -!8' 1'$,'-' #020-$' 80%#+' $,%$' 0E04&F7 $' -+' ,%70' ;00-' %220:$05' ;8' :# 60++' -%!' ; 5'0+' ;8' 1,'2,' % 20#$'6'2%$0' 6' +*220+' '-' %-8' 6' $,0' #02 .-'G05' *-'70#+'$8' 0E%4'-%$' -+' '+' %220:$05' '-' !'0*' 6' $,0'# 1-' :#0!'4'-%#8' 0E%4'-%$' -+' *$ 4%-8' 6' $,04'+$'!$:# 7'50' $,0'# 1-' 0E%4'-%$' -+' 4 -.' $,0+0' 4%8' ;0' 40-$' -05!' $,0' -+$'$*$0' 6' ,%#$0#05' 22 *-$%-$+<' $,0' 2'0$8' 6' -2 #: #%$05' 22 *-$%-$+' %-5' *5'$ #+<' $,0' -+$'$*$0' 6' 2$*%#'0+<' $,0' 8%!' -+$'$*$0' 6' #'$'+,' #2,'$02$+<' $,0' -+$'$*$' -' 6' '7'!' -.'-00#+<' $,0' %1' 2'0$8<' $,0' 0-0#%!' 05'2%!' *-2'!+<' $,0' ,%#4%20*$'2%!' 2'0$8' 6' #0%$' #'$%'-' 0$2

,0' 07'!+' 6' 70#0E%4'-%$' -' %#0' ,1070#' ;0.'--'-.' $' ;0' +! 1!8' #02 .-'G05' -' >PKJ' $,0' -+*!$%$'70' 44'$$00' 6' $,0' %#5' 6' 5*2%$' -' #02 440-505' %6$0#' 2 -60#0-20+' 1'$,'+070#%!' %++ 2'%$' -+' #0:#0+0-$'-.' $0%2,0#+' $,0' 0+$%;!'+,40-$ 6' %' #0:#0+0-$%$'70' 20-$#%!' ; %#5' $' 2 #5'-%$0' %-5' 2 -$# !' +$%-5%#5' 6' 0E%4'-%$' -+' %-5' $' +02*#0' $,0''-$0##02 .-'$' -' 6' 20#$'6'2%$0+' H 00' %#5' 6' 5*2%$' -' # (0 6' (*!8' >N' >PKM F' -+:02$' -' ; $,' ;8' *-'70#+'$'0+' %-5';8'$,0'. 70#-40-$'+'.#%5*%!!8' '-2#0%+'-.'-'0E$0-$'%-5'4:#$%-20' '70#9 +'$'0+' %#0' 2 :0#%$'-.' 1'$,' 0%2,' $,0# %-5' 2 4;'-'-.'$' #05*20'$,0' 4*!$':!'2'$8' 6'0-$#%-20' %-5' :#0!'4'-%#8' 0E%4'-%$' -+' %-5' :# 60+9 +' -%!' ; 5'0+' %#0' #02 .-'G'-.' 0U*'7%!0-$+' %-5' .#%-$'-.' 0E04:$' -+' '-' $,0+0' ,0' 0E$0#-%!' 0E%4'-%$' -+' %-5' $,0'# %$$0-5%-$' 07'!+' %#0' +*::!040-$05' ;8' $,0' -*4;0#' 6' 0E%4'-%$' -+' ,0!5' 1'$,'-'$,0' +2, !+' ;8' $,0' $0%2,0#+' %2,' $0#4' '+' 2 -2!*505' ;8' %-' 0E%4'-%$' -' '-' %!' $,0' 1 #3' '4405'%$0!8' :#0205'-.' # 49 $' -+' 6# 4' -0' 2!%++' #6 #4' $' %- $,0# 50:0-5' -' $,0' #0+*!$+' 6' $,0' $0#4' 0E%4'-%$' -' -9 2#0%+'-.' %$$0-$' -' , 1070#' '+' ;0'-.' 5#%1-' $' $,0' '4: #$%-20' 6' #0!8'-.' -' $,0' $0%2,0#+ $0+$'4 -8' -'%:*:'!+' 1 #3' %-5' -' $,0' :*:'!+' #02 #5' '-' $,0' 2!%++# 4' #%$,0# $,%-' -' $,0' #0+*!$+' 6' %-' 0E%4'-%$' -' 1,'2,' 4%8' ;0' 7'$'9 %$05'$,# *.,'+070#%!' 2%*+0+

,0' %57-%-$%.0+' %-5' 5'+%57%-$%.0+' 6' 0E9 %4'-%$' -+',%70' ;00-'6#0U*0-$!8' 5'+2*++05'%-5' +070#%!' :'-$+' +$%-5' *$ 2!0%#!8' ,%$' $,08' %#0' ,8.'0-'2%!!8',%#46*!' $' $,0' 4%& #'$8' 6' :*:'!+' '+',1-'-' 50$%'!' '-'$,0' 6 !! 1'-.'%#$'2!0' ? ;% #% #*' - #' 5' ,0' !'4'$%9 $' -+' 6' $,0' -.!'+,' +8+$04' 6' 0!040-$%#8' 05*2%$' -' 10#0' 0! U*0-$' :# 6' $,%$' 0E%4'-%9 $' -+' 5'-$'2 -+$'$*$0'%+%$'+6%2$ #8';%+'+' 6 #' $,0' 5'+$#';*$' -' 6' 4 -08'.#%-$+' $' +2, !+' -#5'$,08'+02*#0'$,0'#0+*!$+' 1,'2,'%#0' %'405' %$' /'.0-0#%!' 05*2%$' -%!' 066'2'0-28' H+00' 6 # ' & & # *5' E%4'-%$' -+' 2%--$' :# 7'50' $,0' ;0+$' 3'-5' 6' 4 $'70+' 6 #' +$*58'%-5'5'-$' +02*#0' $,0' :# :0#' $8:0' 6' '-$0#0+$'-'+2, !'1 #3<' $,0'+$'4*!'%66 #505'%#0' %570-$'$' *+' %-5' %#$'6'2'%!' 4%-8' %22'9 50-$%!'2-5'$' -+' 4%8' 0-$0#' -$' 0E%4'-%$' -+' 1,'2,' 4%8' 2 *-$0#%2$' $,0'# 7%!*0' %+' $0+$+' *#$,0#' %-' 0E%4'-%$' -' 70#' %' !%#.0' %#0%0 2%--$' ;0' %55#0++05' $' $,0' '-5'7'5*%!' #09 U*0-$!8'+*220+'+'-'0E%4'-%$' -+' 4%8';0'5*0'-$ $' '--%$0'.0-0#%!'%;'!'$8';*$'40#0!8'$' #0$0-$'70' :10#+' ;70'%!!'0E$0#-%!'0E%4'-%$' -+' 5'+9 #.%-'G0'+2, !'1 #3'%-5'$0-5'$' !'4'$',0'. 5' $0%2,0#'%-5'$' #05*20'%!' $0%2,'-.'$' %' 50%5' !070!' 6'*-'6#4'$8' %-5' '-' 4 +$' 2%+0+' 4*+$ #0+*!$' '-' 2#%44'-.' ,%$' $,0' 07'!+' 1,'2,' 6 !! 1''-'$,0'$#%'-' 6'2 4:0$'$'70'0E%4'-%$' -+' 6 #':*;!'2'+0#7'20'%:' '-$40-$+'%#0'!0++',%#46*!' $,%-',0' !5'+8+$04' 6'- 4'-%$' -' ;8':!'$'2%!' '-6!*0-20' '+' ;7' *+<' ;*$' %- $,0# U*0+$' -' %#'+0+' 1,0$,0# -%$' -%!' 066'2'0-28' '+' +02*#05' ;8' $,0' :#0+0-$' 40%-+' ,0#0' '+' %' $0-50-28' '-' -.!%-5'%$':#0+0-$' '-$# 5*20' 4 #0' 1'50!8' %'+8+$04' 6' #%!' 0E%4'-%$' -+'+*2,'%+',%+' ;00-' 04:! 805'#020-$!8';8' $,0' 54'#%!$8' $' +02*#0' 66'20#+' 6 #' $,0' -%78' %-5';8' $,0' 0+$' '5'-.' *-2'!' '-' $,0' %1%#5' 6' +2, !%#+,':+' ,0' 1, !0' U*0+$' -' 6' 1,0$,0# +*220+' '-' 0E%4'-%9 $' -+' '+' 6 !! 105';8'+*220+' '-' %6$0#?!'60' '+' -0' $,%$',%+' -070#';00-'+*;4'$$05' $' +2'0-$'6'2' '-9 70+$'.%$' -' ' ' ' ' ' -' $,0' *+0' 6' 0E%4'-%$' -+' %+' % 2!%++# 4' :# 205*#0' 6 #' #07'01' +00' o ' ;% #%6 #*4 4 ' % # ;% #% #*' - #' /' /' -' #020-$' 80%#+' $,0#0' ,%+';00-'% +$# -.' 4 7040-$' 6 #' $,0' %; !'$' -' #' %$' !0%+$' $,0' !'4'$%$' -' 6' +2, !' 0E%4'-%$' -+' -' %22 *-$' 6' $,0' 4%-8' 07'!+',8.'0-'2%-5':05%. .'2%!' $,%$'+00 4' $';0' '-07'$%;!8' 2 --02$05' 1'$,' +*2,' $0+$+' ,0#0' +00 4+' $';0', 1070#'%6%'#!8'.0-0#%!' 2 -+0-+*+' 6' :'-' $,%$' 0E%4'-%$' -+' 6' + 40' 3'-5' %#0' -020++%#8' %-5',0-20' $,0', 8.'0-'2%+:02$+' 6' $,0' +*;&02$' %#0' 6' +:02'%!' '4: #$%-20

8.'0-0' '+' 2 -20#-05';$,' 1'$,' $,0' 5'#02$ #0+*!$+' 6' 0E%4'-%$' -' '-' $,0'# ;0%#'-.'*: -' $,0',0%!$,' %-5' %!+' 1'$,'20#$%'-'+02 -5%#8' %-5'



%4'-%$' -' 6' 2%-5'5%$0+' 6 #' 20#$'6'2%$0+' $ ' $0%2, ' 0$2 ' # 4' %-' 05*2%$' -%!' : '-$ 6'7'01' ; %#5+' 6' 0E%4'-0#+' 40%-' -!8' $,0' !%$$0# $1 ' %-5' *+*%!!8' -!8' $,0' !%+$' %#5+' 6' 0E%49 '-0#+' 6 #' '-+$'$*$' -+' %#0' - $' 6 *-5' 1'$,' %-8' 6#0U*0-28' %-5' -!8' %+' ; %#5+' 6' '-+:02$' -' 6 #,'.,0# '-+$'$*$' -+' %-5' 6 #' %601' 2'$8' +2, ! +8+$04+' ' ; %#5' 6' 05*2%$' -%!' 0E%4'-0#+' '+ %:: '-$05' 0%2,' 80%# 6 # 0+$' '-$' %4:9 50-' #4%!' -+$'$*$0' %-5' %601' +$%$0' - #4%!' +2, !+' %-5' 0!00 4 +8-%#8' '-+$'$*$' -+< %-5'$,0' ; %#5+' 6' +2, ! 7'+'$ #+' 2 4 4 -!8' %:: '-$05' 0%2,'80%#'-'$,0' 01' -.!%-5'$ 1-+'%#0'6 #4+' 6 ; %#5+' 6' 0E%4'-0#+' ,0' :#'-2':!0' 6' '-+:029 $' -' %-5' %:: # 7%!' ;8' *$+'50' ; 5'0+' '+ !'$$!0' *+05' '-'$,0' -'$05' $%$0+' $,0' 2 -5*2$' 6' '-9 +$'$*$' -+' ;0'-.' 0-$#*+$05' %!4 +$' 0-$'#0!8' $ ' ; %#5+' 6' $#*+$00+' . 70#- #+' # #0.0-$+' H+0' $ @9 *' ' # 5'-'$,0'2%+0' 6'-+$'$*$' -+' %-5' $ ' $,0' ; %#5+' 6' 05*2%$' -' ; %#5+' 6' +2, ! 2 4 4'++' -0#+' # +2, ! 2 4 4'$$00+' '-' $,0' 2%+0' 6' *# 2'$8' +8+$04+' 8' $,0' $0#4' R' ; %#5' 6' 0E%4'-0#+'S' '+ *+*%!!8' 40%-$' ; %#5+' 1,'2,' 0E%4'-0' %-5' 20#$'6'2%$0' $, +0' 1, ' 1'+,' $ ';02 40'$0%2,0#+' '-'$,0' :*;!'2'+2, !+' *2,' ; %#5+' %#0' 6' $,#00' 3'-5+' ' /'+$%$0' 2 *-$8' %-5' 2'$8' # 5'+$#'2$

$%$0' %#5+' 6' E%4'-0#+' / ' -0' 6' $,0 ;0+$' 0E%4:!0+' 6' $,'+' $8:0' '+' $ ';0' 6 *-5' '-' !%;%4%' 1,0#0' % $%$0' %#5' 6' E%4'-0#+' ,%+' ;00-' 2 -+$'$*$05' ;8' !%1' 2 -+'+$'-.' 6' $,0' $%$0' *:0#'-$0-50-$' 6' 5*2%$' -' %-5' 6 *#' $,0#+' %:: '-$05' ;8' ,'4' 6 # 6 *#?80%#' $0#4+' ,'+' ; %#5' :#0:%#0+' %!!' U*0+$' -+' 6 #' $,0' 0E9 %4'-%$' -' 6' %!!' $0%2,0#+' '-'$,0' +$%$0< %:: '-$+' :0#+ -+' $ ' 2 -5*2$' 0E%4'-%$' -+' 6 #' $,04' '-' 0%2,' 2 *-$8' %-5' $ ' $#%-+4'$' $,0' %-+10#' :%:0#+' $ ' $,0' $%$0' %#5' 6' E%4'-0#+< 0E9 %4'-0+' %-5' .#%50+' $,0' :%:0#+' 6' $,0' %::!'9 2%-$+' %-5' ++*0+' $ ' $, +0' 1, ' :%+' $0%2,0#+' 20#$'6'2%$0+' 6' $,#00' .#%50+' $,0' .'-%50' 7%#8'-.' 1'$,' $,0' :0#20-$%.0' 4%50' '-' $,0' 0E%4'-%$' -' %-5' %!+' !'60' 20#$'6'2%$0+' $ ' $, +0' 1, ' ,%70' :# :0#' U*%!'6'2%$' -+< 300:+' %' #02 #5' 6' % ' 20#$'6'05' $0%2,0#+' '-' $,0' +$%$0< %-5' 4%8' #09 7 30' %-8' 20#$'6'2%$0' 6 # 2%*+0' 70-' .#%5*9 %$0+' 6' $,0' +$%$0' - #4%!' +2, !+' 4*+$' $%30' $,0' 0E%4'-%$' -+' ' 20#$'6'2%$0+' '++*05' %#0' 7%!'5' $ ' $0%2,' '-' %-8' 2 *-$8' '-' $,0' +$%$0' ' +'4'!%# $%$0' %#5' 6' E%4'-0#+' '+' $ ';0' 6 *-5' '-' #'G -%' %-5' '-' 8 4'-.' 0E20:$' $,%$' '-' 8 4'-.' $,0' $%$0' *:0#'-$0-50-$' 6' *;!'2' -+$#*2$' -' '+' - $' % 404;0# 6' $,0' 0E%4'-%$' -' ; %#5' - -02$'2*$' 0+$' '#.'-'%' %-5' %601' $,0# +$%$0+' $,0' $%$0' %#5' 6' 5*2%$' -' %2$+' %+' %-' 0E9 %4'-'-.' ; 58' -!8' 6 # !'60' 5':! 4%+' # +$%$0' :# 60++' -%!' 20#$'6'2%$0+' # ; $,' %!!' $,0# 20#$'6'2%$' -' ;0'-.' !06$' $ ' $,0' 2 *-$8' # ! 2%!' +2, ! %*$, #'$'0+' ,0' $0-50-28' 1'$,'-' #09 20-$' 80%#+' ,%+' ;00-' $ ' '-2#0%+0' $,0' -*4;0#

%-5' $,0' :10#+' 6' +*2,' 20-$#%!' 20#$'6'2%$'-.' ; 5'0+

*-$8' %#5+' 6' E%4'-%$' -' / ' -' % !%#.0' -*4;0# 6' $,0' +$%$0+' %!!' 2 *-$8' $0%2,0#+' 0E%4'-%$' -+' %#0' .'70-' ;8' $,0' 2 *-$8' +*:0#9 '-$0-50-$' 6' +2, !+' 0'$,0# *+'-.' U*0+$' -+' :#0:%#05';8','4' #';8'$,0' $%$0' *:0#'-$0-50-$' 6' *;!'2' -+$#*2$' -' #';8'$,0' $%$0' %#5' 6' 5*2%$' -< %-5' $,0-' 20#$'6'2%$0+' $ ' $0%2,' '-' $,0' +2, !+' 6' $,0' 2 *-$8' 6$0-' 6' 5'660#0-$' .#%50+' %-5' :0#' 5+' 6' 7%!'5'$8' %#0' ++*05' ;8' ,'4' -' $0-' +$%$0+' %' +:02'%!' 2 *-$8' ; %#5' 6' 0E%4'-0#+' 0E'+$+' %-5' '-' %; *$'%-'0U*%!' -*4;0# 6' +$%$0+' 4 +$!8' '-' $,0' *$,' %-5' 0+$' $,0' 2 *-$8' ; %#5' 6' 05*2%$' -' %2$+' ' // (' %+' % 2 *-$8' ; %#5' 6' 0E%4'-0#+' -' 0'$,0# 2%+0' '$' '+' 2*+$ 4%#8' 6 # $,0' ; %#5' $ ' :#0:%#0' %!!' U*0+9 $' -+' 0E%4'-0' $,0' 2%-5'5%$0+' 6 # $0%2,0#+' 20#$'6'2%$0+' .#%50' $,0' 0E%4'-%$' -' :%:0#+' .#%-$' $,0' 20#$'6'2%$0+' $ ' $0%2, ' %-5' '++*0' %!!' 20#$'6'2%$0+' .#%-$05' -' $,0' ;%+'+' 6' 2#050-$'%!+' 2 4'-.' 6# 4' $,0# 2 *-$'0+' # +$%$0+' *2,' ; %#5+' %#0' *+*%!!8' :%'5' % ' ' 6 # $,0'# +0#7'20+' %-5' $,0' 404;0#+' %:: '-$05' %#0' *+*%!!8' +*220++6*!' $0%2,0#+' '-' $,0' 2 *-$8 '$8' %#5+' 6' E%4'-%$' -' / ' -' 4%-8' +$%$0+' :%#$'2*!%#!8' '-' $,0' 0%+$0#-' :%#$' 6' $,0' -'$05' $%$0+' $,0' !%#.0# 2'$'0+' %#0' :0#4'$$05' $' 0E%4'-0' %-5' 20#$'6'2%$0' $,0'# 1-' $0%2,0#+' '-50:0-50-$' 6' $,0' 2 *-$8' # +$%$0' 0E%4'-'-.' +8+$04' # +8+$04+< %-5' '-' $,0# +$%$0+' $,0' 2'$'0+' 1,'!0' %220:$'-.' $,0' 2 *-$8' # +$%$0' 20#9 $'6'2%$0+' +' 6%#' %+' $,08' . ' +*:0#'4: +0' % 2'$8' 0E%4'-%$' -' *+*%!!8' 6' ; $,' %:05%. .'2%!:%-5' %' :0#+ -%!' -%$*#0' %+' %'6*#$,0# $0+$' 6' 6'$-0++' ' 2 -5*2$' $,0+0' +:02'%!' 2'$8' ; %#5+' 6' 0E9 %4'-%$' -' ,%70' *+*%!!8' ;00-' 2#0%$05' $, *.,' '-'+ 40'2'$0+' $,0' 2'$8'+*:0#'-$0-50-$' 6'+2, !+' 2 -5*2$+' $,0' 0E%4'-%$' -' %601' !%#.0' 2'$'0+' +*2,' %+' 01' #3' +:02'%!' 2'$8' ; %#5+' 6' 0E%4'-%$' -' ,%70' ;00-' :# 7'505' $,0' 404;0#+' 6' 1,'2,' 507 $0' 4 +$' # %!!' 6' $,0'# $'40'$ ' $,0' 1 #3' -'+4%!!0# 2'$'0+' %+' 6 # 0E%4:!0' %8$ -' # (0#+08' '$8' $,0' 2'$8' +*:0#'-$0-50-$' 6' +2, !+' %-5' 6# 4' $1 ' $ ' 6 *# $,0#+' *+*%!!8' :#'-2':%!+' # $0%2,0#+' '-' $,0' +2, !+' 0E%4'-0' %!!' %::!'2%-$+' %-5' .#%-$' %!!' 2'$8' $0%2,0#+' 20#9 $'6'2%$0+' ,0' %55'$' -%!' 404;0#+' %#0' + 409 $'40+' %:: '-$05';8' $,0' +*:0#'-$0-50-$' 4 #0' 2 4 4 -!8';8' $,0' ; %#5' 6' 05*2%$' -' -' $,0' #02 4 4 0-5%$' -' 6' $,0' +*:0#'-$0-50-$' %-5' + 40$'40+' '-2!*50' -0' 404;0# 6' $,0' ; %#5' 6' 05*2%$' -' '$+0!6' -' -0%#!8' %!!' 2%+0+' 1,0#0' +0:%#%$0' 2'$8' 20#$'6'2%$0+' %#0' #0U*'#05' $,08' #0:9 #0+0-$' %' ,'.,0# +$%-5%#5' 6' 05*2%$' -' %-5' :# 60++' -%!' $#%'-'-.' %-5' 0E:0#'0-20' $,%-' 5' $,0' #0.*!%# 2 *-$8' # +$%$0' $0%2,0#+' 20#$'6'92%$0+' +' +$%$0' +$%-5%#5+' #'+0' $,0' $0-50-28' '+' $ ' 5'+:0-+0' 1'$,' $,0' +0:%#%$0' 2'$8' $0+$' -' %' 601' 2'$'0+' %+' 6 # 0E%4:!0' %-' #%-2'+2' %-5' +' -.0!0+' $,0' 2'$8' %220:$+' $,0' +$%$0' # 2 *-$8' 20#$'6'2%$0+' %$' $,0'# 6%20' 7%!*0' + ' 6%# %+' $,08' . ' %-5' $,0-' +*:0#'4: +0+' %-' %55'$' -%!' 05*2%$' -%!' %-5' :0#+ -%!' $0+$' $ ' 0-%;!0' '$;0$$0# $ ' +0!02$' $0%2,0#+' 6' !%#.0# 2%:%2'$8

%-5 .#0%$0# :0#+ -%! +3'!! -$,0+0 2%+0+$,0 2'$8; %#5 60E%4'-%$' -2 -+'+$+ 6$,0 +*:0#9 '-$0-50-$ %-5 +*2, :0#+ -+ 0-.%.05 '- 05*9 2%$' -%! 1 #3 %# 4%8 ;0 50+'.-%$05 $ %++'+$,'4 '- 2 -5*2$'-. $,0 +:02'%! 2'$8 0E%4'-%9 $' -+

1- 0#$'6'2%$0+ / - $,0 $ 1-+ 6+ 40 6 $,0 01 -.!%-5 +$%$0+ %# 6 # 0E%4:!0 %++%2, *+0$$+ $,0 $ 1- 20#$'6'2%$0 $%30+ $,0 :!%20 6 $,0 +$%$0 # 2 *-$8 20#$'6'2%$0 6 *-5 0!+01,0#0 0#0 $,0 $ 1- +2, ! 2 4 4'$$00 H; %#5 6 05*2%$' -F 0E%4'-0+ %+ 10!! %+ 049 :! 8+ %!! $0%2,0#+ -$,0 !%#.0# $ 1-+ $,'+ :%++0+ 70# '-$ %2'$8 ; %#5 6 0E%4'-%$' - ;8 $,0 50!0.%$' -6 %*$, #'$8

00 / '% # + %' *-5 $,0 %#$'2!0+ -+$%$0 %-5 2'$8 +8+$04+

W / -$,0 $0%2,'-. 6 %#'$,40$'2 %-R 0E%4:!0S '+ % +%4:!0 :# ;!04 +0$;8 $,0 $0%2,0# $ '!!*+$#%$0 $,0 :#'-2':!0+ 6 4%$,09 4%$'2%! 2%!2*!%$' - #0 6#0U*0-$!8 $,0 R'0E9 %4:!0S '+ % $8:'2%! 0E0#2'+0 '-1,'2,'$,0 :*:'! %::!'0+ %-5 5#'!!+ ,'+ 3- 1!05.0 6 %#'$,40$'2 -$,0 2*##0-$ *+%.0 6 $0%2,0#+ $,0 R'0E%4:!0S '+ 6#0U*0-$!8 2 -$#%+$05 1'$,' $,0 R:# ;!04 S $,0 5'+$'-2$' -;0'-. $,%$ -0'+%-%;+$#%2$ %-5 +84; !'2%! +$%$0 40-$ 6 -*40#'2%! 6%2$+ %-5 $,0 $,0# %2 -2#0$0 %-5 50+2#':$'70 +$%$0 40-$,0 R 0E%4:!0S '+*+*%!!8 2 4:!0$0!8 0E:#0++05 '- 4%$,04%$'2%! +84; !+ %-5 $,0 R:# ;!04 S '+ 2 4 4 -!8 +$%$05 '-1 #5+ ,0 0E:#0++' - R 2! $,05 :# ;!04 S H6# 4 $,0 0#4%-F '+ 22%+' -%!!8 *+05 $ 40%-1,%$ '+ ,0#0 50+'.9 -%$05 %+ R:# ;!04 S %-5 R%;+$#%2$:# ;!04 S '+ *+05 $ 40%-1,%$ '+ ,0#0 50+'. -%$05 %+ ?'0E9 %4:!0 S -$,0 2%+0 6 $,0 0E%4:!0 $,0 4%$,09 4%$'2%! +'.-$0!!+ $,0 2,'!5 1,%$ $ 5 1,0$,0# $ %55 +*;$#%2$ 4*!$':!8 # 5'7'50 $,0 R 0E%4:!0S ;0'-. % 3'-5 6 :#0#0%+ -05 :# ;9 !04 $,0 :*:'! ,%+ -!8$ 4%-':*!%$0 %22 #59 '-. $ $,0 +'.-, '+ 1, !0 %$$0-$' -$,# *., *$;0'-. 6 2*+05 -$,0 6 #4%! 2%!2*!%$' - -$,0 +02 -5 0%+0$,0 2,'!5 ,%+ $1 5'+$'-2$ 6*-29 $' -+ ,0 4*+$ 6# 4$,0 50+2#':$' - 6$,0 +'$*9 %$' -:#0+0-$05 502'50 $,# *.,$,0 :# 20++ 6 #0%+ -'-. 1,%$,0 '+ $ 5 H%55 +*;$#%2$ 5'9 7'50 # 4*!$':!8F %-5 ,%7'-.#0-50#05 ,'+&*5.9 40-$,0 4*+$:# 2005 $,# *., $,0 6 #4%! 2%!2*!%$' -

+ $,0 R:# ;!04 S '-7 !70+ $1 $8:0+ 6 40-$%! :# 20++0+ '-%+'-.!0 0E0#2'+0 %-5 $,0 R 0E%4:!0S ;*$ -0 $,0 *+*%! :# 205*#0 '- $0%2,'-. '+ $ $%30 *:$,0 6 #4%! +'50 $,# *., R 0E%4:!0+S 6'#+$ %-5 !%$0# -$,0 %:::!'05 +'50 $,# *., $,0 *+0 6 :# ;!04+ ,'+ 40%-+ $,%$ $,0 6'#+$ 04:,%+'+ '+ -5 #4%! %-5 %;9 +$#%2$ 1 #3 #%$,0# $,%- -$ %$#0%$40-$ 6 -%$*#%! 2 -2#0$0 +'$*%$' -+ %-0 4:,%+'+ - $ 1, !!8 +%-2$' -05 ;8 4 50#-:+82, ! .8 %-5 $,0 ;0$$0# $0%2,'-. :# 205*#0 6 $,0# +*;&02$+ ,0 ;0$$0# :#%2$'20 6 *-5 :%#9 $'2*!%#!8 '-$,0 :#'4%#8 .#%50+ '+$;0.'-01 5'66'2*!$'0+ $,# *., 2 -2#0$0 ;&02$'70 :#09 +0-$%$' -6 :# ;!04+ $,0- :%++ $ $,0 6 #4%!

1 #3 6 $,0 R 0E%4:!0S %-5 6'-%!!8 $ % 2 -9 +'50#%;!0 *+0 6 $,0 %:!'05 R 0E%4:!0S # R:# ;!04 S ,0 %;#*:$-0++ 6 $#%-+'$' -6# 4 ;&02$'6'05 :# ;!04+ $ $,0 6 #4%! 1 #3 '4:!'05 '-R 0E%4:!0+S '+ ;# 30- ;8 $,0 *+0 6 R -*4;0# +$ #'0+S 1,'2, %#0 50+2#':$' -+ # -%##%$' -+ 6 0%+!8 '4%.'-%;!0 +'$*%$' -+ # 070-$+

00 '4 ! *

W $/ # % $'40 $,0#0 1%+ %$0-50-28 $! 3 *: -0E9 20:$' -%! 2,'!5#0- %+ ;0'-. +0:%#%$05 '- % 10!! 506'-05 1%8 6# 4 - #4%! 2,'!5#0- %-5 +:02'%! 05*2%$' -%! :# 205*#0+ 10#0 :# 7'505 6 # $,04 -#020-$ 80%#+ , 1070# 2! +0# %-%!8+'+ ,%+ +, 1-$,%$ % 70#8 !%#.0 -*4;0# 6 2,'!5#0- 5'70#.0 4 #0 # !0++' - :%#$'2*!%# #0+:02$+ 6# 4 $,0 - #4%! ;*$ - $ '- % 50.#00 $ 50+0#70 $,0 50+'.-%$' - R 50602$'70S # R%;9 - #4%! S $'+ - 1 % 10!! #02 .-'G05 6%2$ $,%$ '- %!! +2, !+ % 2 -+'50#%;!0 -*4;0# 6 2,'!5#0- 7%#8 +*66'2'0-$!8 6# 4 $,0 - #4%! $ 50+0#70 +:02'%! #02 .-'$' - %-5 + 40 6 #4 6 +:02'%! 05*2%$' -%! $#0%$40-$ *#+0+ 6 +$*58 %-5 :# .#%4+ 4*+$ -%$*#%!!8 ;0 507'+05 6 # $,0 !%#.0 -*4;0# 1, %#0 - #4%! '-2%:%2'$8 -5 %$$%'-40-$+ *2, 2 *#+0+ 6 +$*58 %-5 :# .#%4+ 6 -020++'$8 6'$ 4 #0 # !0++ ;%5!8 2,'!5#0-1, 7%#8 6# 4 $,0 - #4%! 4 #0 066'2'0-$ %-5 +84 :%$,0$'2 05*2%$' - '+ +$0%5'!8 0-50%7 #'-. $ 5'+2 70# %-5 2!%++'68 2%+0+ 6 05*2%$' -%! 4'+6'$ %-5 $:# 5*20 6 #4+ 6 05*2%$' -+*'$05 $ $,04

E20:$' -%! 2,'!5#0- :#0+0-$ 4%-8 5'660#0-$ $8:0+ 6 7%#'%$' - 40$'40+ $,'+ '+ 5*0 $ #02 .-'G%;!0 2%*+0+ 6 %:,8+ ! .'2%! -%$*#0 '- $,0# 2%+0+ $,0 5'660#0-20+ +:#'-. 6# 4 ,'550- + *#20+ %-5 4%-'60+$ $,04+0!70+ %+ 5*!!-0++ +! 1 #0%2$' - $'40 '-2%:%2'$8 6 # %;+$#%2$ $,'-3'-. :#02 2'$8 %! -. +:02'%! !'-0+ %-5 %- *-;%!%-205 2 -5'$' - 6 20#$%'- '-9 +$'-2$+'!'30$, +0 6%..#0++'70-0++ 2 -20%!40-$ %-5 60%# +*66'2'0-$ %-%!8+'+ ,%+ 80$;00- 4%50 $ +, 1, 1 6%# 2 -5'$' -+ 6 '-,0#'$%-20 %-5 2 -5'$' -+ 6 0-7'# -40-$ %#0 #0+:02$'70!8 #0+ -+';!0 6 # $,0 5070! :40-$ - $,0 -0 ,%-5 6 0E20:$' -%! 2,%#%2$0#+$'2+ %-5 - $,0 $,0# 6 # $,0 +*:#0++ - 6 20#$%'- - #4%! $0-50-2'0+

- $,'+ 2 --02$' - '$ +, *!5 ;0 - $05 $,%$ U*%!'$'0+ 1,'2, !%$0# 4%30 6 # 0E$#040 509 !'-U*0-28 # 50602$'70-0++ 4%8 '6 50%!$ 1'$, '- $'40 ;0 %5&*+$05 6 # 0E%4:!0 +:02'%! +2, !+ 0E'+$ 6 # $,0 2*+$ 58 %-5 $#%'-'-. 6 50!'-U*0-$+ ;*$ %300-0# 05*2%$' -%! 5'+2#'49 '-%$' - '+ - 1 +003'-. :# +:02$'70 50!'-U*0-$+ '- $,0'# '-2':'0-$ +$%.0+ 1'$, %7'01 $ $,0 0%#!8 %:!'2%$' - 6 :*#: +'70 40%+*#0+ ,0# '+ % 1'50+:#0%5 2 -7'2$' - $,%$ %I4 #0 :0#602$ 3- 1!05.0 6 :05%. .8 1 *!5'0-%;!0 +2, !+ %$ %- 0%#!8 +$%.0 $ 50$02$ %-5 05*2%$0 $;0$$0# %57%-$%.0 $, +0 1, !%$0# ;02 40 3- 1- %+ 5*!!%#5+ ;%231%#5 2,'!5#0- %-5 %;- #4%!!8 :#02 2' *+ %! -. +:02'%! !'-0+

-50# #5'-%#8 +2, !# 4 2 -5'$' -+ $,0 05*2%$' -%! $#0%$40-$ 6 0E20:$' -%! 2,'!5#0- '+ - 1 ;0'-. 40$'-+ 40 40%+*#0 ;8 $,0 :# 9 7'+' - 6 6!0E';!0 .#%5'-.%-5 :# 4 $' - 24 9 '660#0-$.# *:+ 6 2,'!5#0- %#0 +0!02$05 1'$, %7'01 $ %!! 1'-. $,04 $ 4%30 :# .#0++ $,# *.,$,0 2 *#+0 6 +$*58 %$ 5'660#0-$ #%$0+ %-5 $ + 40 0E$0-$ $,0 1 #3 4%8 ;0 4 5'6'05 6 # 0%2,. # *: 1'$,% 7'01 $ %$3'-. %57%-9 $%.0 6 05*2%$' -%! :02*!'%#'$'0+ .%'- + 40 +2, !+ %!! 1 20#$%'- %5&*+$40-$+ 1'$,'- $,0 2 *#+0 6 +$*58 '$+0!6 ;8 0E04:$'-.0E20:$' -%! 2,'!5#0- 6# 4 #0U*'#040-$+ $,%$ 4%8 ;0 %:9 :# :#'%$0 6 # - #4%! 2,'!5#0- *;&02$+ !'30 .#%44%# %-5 $,0 4 #0 %57%-205 %#'$,40$'2 #0U*'#'-. 2%:%2'$8 6 # %;+$#%2$ $,'-3'-. 4%8 ;0 4'$$05 # 5060##05 ;8 20#$%'-*:*:'!+ 1, +004+'-2%:%;!0 6 . 5 1 #3'-'$,'+ 5'#02$' - $,0 $,0# ,%-5 %#$'+$'2 # 4*+'2%! $%!0-$;08 -5 $,0 #5'-%#8 4%8 ;0 0-2 *#%.05 - $,0# 507'20:# 7'-. 0660 2$'70 1'$,+ 40 0E20:$' -%! 2,'!5#0- '+ $,0 :# 7'+' - 6 % !%#.0 %4 *-$ 6 2 -2#0$0 # :#%2$'2%! 1 #3 ,0# - 1 +004+ !'$$!0 5 *;$ $,%$ 4%-8 +?2%!!05 0E20:$' -%! 2,'!5#0- %#0 2%:%;!0 6 2 -+'50#9 %;!0 05*2%$' -%! 5070! :40-$ 6# 4 0E:0#'0-20 1'$,$!+ %-5 2 -2#0$0 4%$0#'%!+ ,0 $#*%-$ +2, !+ 6 -.!%-5 %#0 6'-5'-.$,'+ -5*+$#'%! 1 #3 %- 0E20:$' -%!!8 *+06*! 405'* 4 6 # $,0 5070! :40-$ 6 20#$%'-$8:0+ 6 2,'!5#0- 1, 7%#8 6# 4 $,0 - #4%! H 00 3# * % '% #5 ,'!0 :# ;%;!8 4%-8 $,0# 5070! :40-$+ +*'$05 $ 0E20:$' -%! 2,'!5#0- 1'!! ;0 '-$# 95*205 '-$ 2 *#+0+ %-5 :# .#%4+ '- +*2,'% 1%8 %+ - $ $ '-7 !70 %-8 +0.#0.%$' - 6 +*2,' 2,'!5#0- '$ '+ '4: #$%-$ $ - $0 $,%$ +:02'%! 2!%++0+ *-.#%505 2!%++0+ %-5 4 #0 # !0++ +0.#0.%$05 +2, !+ %#0 %$ $,0 :#0+0-$ $'40 +0#7'-.;0+$ $ '!!*+$#%$0 $,0 -005+ %-5 %59 7%-$%.0+ 6 05*2%$' -%! :# 205*#0+ %5&*+$05 $ $,0 -005+ 6 $,0+0 2,'!5#0- ,0-070# % +:02'%! .# *: 6 2,'!5#0- 2%-;0 '+ !%$05 +*2,' %+ $,0 *-4%-%.0%;!0 $,0 $*;0#2*! *+ $,0 2#':::!05 $,0 40-$%!!8 5060 2$'70 %-5 $, $;0 29 506'2'0-$ '- -0 # 4 #0 6 $,0 +:02'%! +0-+0+ '$;02 40+ %+'4:!0:# ;!04 $ 07 !70 +:02'%! 05*2%$' -%! 40%-+ %5%:$05 $ $,04 ,0#0 2,'!5#0-+'4'!%#!8 0E20:$' -%! ;*$'- % !0++0# 50.#00 %#0 #0$%'-05 1'$,2,'!5#0- :*#+*'-. $,0 *+*%! :# .#%4 %-8$,'-.!'30 '-5'7'5*%! 2 -+'50#%$' -' '+ 5'66'2*!$ %-5 %:$ $;0 29 2%+' -%! ,0 +%40%:!'0+$ 2,'!5#0- #0U*'#'-.+:02'%! $#0%$9 40-$ 8+$04+" 6 05*2%$' - :%#$'2*!%#!8 '-2'$'0+ ,%70 ! -. $0-505 $ 1%#5 %,'.,!8 402,%-'2%! #.%-'G%$' - ,'!5 +$*58 %-5 % 2! +0 2 -9 +'50#%$' - 6 05*2%$' -%! #0+*!$+ - 1 2 -9 +$%-$!8 +*..0+$ 6!0E';!'$8 %-5 %5%:$%$' - %-5 '$;02 40+ %:# ;!04 6 %54'-'+$#%$' - $

:# 7'50 6 # 05*2%$' -%! %5&*+$40-$ 6 $,'+ + #$ 1'$, *$ '-2*##'-. 6 # $,0 2,'!5#0- 0-%!$8 6 + 2'%! +0.#0.%$' - ,0 +:02'%! 05*2%$' - 6 $,0 50%6 ,%+! -.;00-2 -+'50#05 %-020++'$8;*$'-,'2%. +2, !+ $,0 %$$04:$ '+;0'-.4%50 $ 2%##8 -%:%#$ %$!0%+$ 6 $,'+ 05*2%$' - 1,0#0 $,0 *-6 #$*-%$0 2,'!5#0- 4%8 ,%70 $,0 %57%-$%.0+ 6 2 -$%2$ 1'$,$, +0 '-6*!! :++0++' - 6 $,0'# +0-+0+ !%++0+ 6 # 2#'::!05 2,'!5#0- 4%8 - $;0 + 6%# '+ !%$05 $,%$ +*2,2,'!5#0- ,%70 - 2 -$%2$ 1'$,$, +0 6 - #4%! 5070! :40-$,0 2 4:!0$0 509 $%2,40-$ 6 $,0 50!'-U*0-$ # $#*%-$ 4%8 :# 5*20 + 40 #0+*!$+ 4 #0 $,%- 66+0$$'-. $,0 %57%-$%.0+ 6 $,0 +:02'%! 05*2%$' -%! $#0%$40-$.'70- $ 1 *!5 %:::0%#?$,%$ 2*##0-$ $0-50-2'0+ %#0 '-$,0'5'#02$' - 6 $,0 6 #4%$' - $ %-'-2#0%+'-. 0E$0-$ 6 2!%++0+ # $,0# +:02'%! :: #$*-'$'0+ 6 # $,0 5070! :40-$ 6 $,0 :02*!'%# 05*2%$' - 4 +$ -00505 ;8 0E9 20:$' -%! 2,'!5#0- -$,0 -0 ,%-5 %-5 - $,0 $,0# ,%-5 $,0 :# 7'+' - 6 40%-+ 1,0#09 ;8 6 # :*#: +0+ 6 + 2'%! 2 -$%2$ +*2,2,'!5#0- 4%8 ;0 30:$ '- ,%#4 -' *+ $ *2, 1'$, $,0 , 40 +2, !'%-5 +$#00$ 0-7'# -40-$+ -9 $04:#%#8 05*2%$' -%! $,0 #8 '-+'+$+ $,%$ 05*2%$' - +,%!! 2 -+'50# $,0 '-5'7'5*%! %-5 $,0 -020++'$'0+ 6 %54'-'+$#%$' - 504%-5 $,%$ 1'$,'- !'4'$+ !'30 '-5'7'5*%!+ ;0 .%$,0#05 $ .0$,0# ,0 ;# %50# 05*2%$' -%! 7'01 , 19 070#' #02 .-'G0+ $,%$ 6 #4%! $0%2,'-.'+ ;*$ -0 :%#$ 6 $,0 05*2%$' - 6 0E20:$' -%! 2,'!9 5#0- $,0 $,0# :%#$'+$;0 6 *-5'-$,0 2 -9 +0#7%$' - %+ 6%# %+ :#%2$'2%;!0 6 % - #4%! 0-7'# -40-$+*'$05 $ 2,'!5, 5 -50# $,0 5'+2*++' - 6 +:02'%! 6 #4+ 6 # $,0 05*2%$' -%! 2,'!5#0- 1'!! ;0 6 *-5'+*2,$:'2+ %+ %/ '% #' /' 4 $ # ' % #' /' 4 $%'1 % *4 3 6 % #' ' % #4 # ' % #' % #' /4 0 *' # ' % #' /4 , # % ' #4 + %#' ' ' #8 #' 4 + ! * # ' % #G /4 , ' / ' *' '%6 #% + % # /4 #@ , ' 4 % % #' %# # /' *4 , ' % % ** *'0$2 060#0-20 / #'(' %-5', # #' ' ' * $ ' ' " ' $ % 2, EE7' %-5' $,0 #060#0-20+ $,0#0 .'70-' H 01 #3 >PK) F ' / ' 00 ;' #% ' #) ' ' ' ' ' / ' 00 3# #% #% ' ;6 ' %# ' & + %' *' %# ' / ** * ' ' ' / ' ,'!0 0E2!*+' -' 6# 4 +2, ! 4*+$;0 50$0#4'-05 1'$,#0.%#5 $ ' !%1 ,8.'0-0 4%30+ 20#$%'-' 504%-5+ -' $,0 :#'-2':!0 $,%$ 1,%$ '+ -020+9 +%#8 6 # $,0 10!6%#0 6 $,0'+2, ! 1'!! *!$'4%$0!8

;0'+%-2$' -05';8'$,0'!%1' ,0'2%*+0'6 #'1,'2,' 0E2!*+' -'+' 5004 05' -020++%#8'6 #'$,0' ,0%!$,' 6'$,0'+2, !'%#0'2,'06!8'$,0'6 !! 1'-.' 40%+!0+' +2%#!0$' 6070#' 5':,$,0#'%' $ -+'!'$'+' 1, :'-.' 2 *.,' 4*4:+' 2,'230-' : E' :05'2*! +'+' +0:$'2' '-6!%44%$' -+' 1'$,' 660-+'70' 5 #' '$2,' %-5' + 40$'40+' $,0# +3'-' 5'+0%+0+' $,0' +:02'%!!8' 7'#*!0-$ 5'+0%+0+' +*2,' %+' +8:,'!'+' !0:# +8' %-5' +4%!!: E' '-' + 40' 2%+0+' $*;0#2*! +'+' .#':0' %-5' 2 !5+' %!+' 20#$%'-' -0#7 *+' 5'+9 0%+0+' %-5' 40-$%!' 5'+ #50#+' 1,0#0' $,0#0' '+' 5%-.0#' 6':+82,'2 2 -$%.' -' # +0#' *+' '-$0#9 60#0-20' 1'$,' +2, !' 1 #3' +*2,' %+' 0:'!0:+8' 2, #0%' ,8+$0#'%' %-5' 20#$%'-' 0E$#040' +0E' :0#70#+' -+' %-5' 6'-%!!8' 4 +$' 2%+0+' 6' 600;!09 4'-505-0++

-' 4%-8' 6' $,0+0' 2%+0+' 0E2!*+' -' 6# 4' $,0' +2, !' '+' *--020++%#8' %-5' *-1'+0' '6' +:02'%!' 2!%++0+' 2%-' ;0' :# 7'505' 6 #' $,+0' %66!'2$05' -' 2%+0+' 6',8+$0#'%' 6 # 0E%4:!0' $,0' 5'+2':!'-0' %-5' 2%#0' 6' $,0' +2, !' '+' % .#0%$' %57%-$%.0' %-5' '-' 2%+0' 6' $*;0#2*! +'+' 1,0#0' *$5 # 2!%++0+' 2%-' ;0' :# 7'505'$,0' +2, !' '+' !'30!8' $' ;0'%-'%'5''-'$,0' 2%#0' 6' $,0' 5'+0%+0

40$'40+' $' '+' -020++%#8' $' 0E2!*50' ,0%!$,8' :*:'!+' 6 #'$,0' 10!6%#0' 6' $,0' +2, !' - $%;!8' 2%+0+' 6' 0E$#040' 4 #%!' 50!'-U*0-28' %-5' $,0' 2%##'0#+' 6' 5'+0%+0' # 0E%4:!0' 1,0-070#' % 2%+0' 6' 5':,$,0#'%' ;#0%3+' *$'-'%' +2, !'$, +0' :*:'!+' 1,'%#0'6 *-5';8'2*!$*#0'$0+$+'$' ;0',%#9 ;#'-.'$,0' !0;+? 066!0#' ;%2'!!*+' $,0' .0#4' 6' 5':,$,0#'%'+, *!5';0'0E2!*505'6# 4'$,0' +2, !' $' '+' 2*+$ 4%#8'%!+' $' 0E2!*50' $,0' ;# $,0#+' %-5'+'+$0#+' 6'2,'!5#0-'1,',%70'2 -$%.' *+'5'+9 0%+0+' -'%!!' 2%+0+' 1,0#0',0%!$,8':*:'!+' 4*+$' ;0'0E2!*505'+:02'%!' 2!%++0+'+, *!5';0':# 7'505' 6 #'$,04'6' : ++';!0

' -' 2!0%#' 2%+0+' 6' 5':,$,0#'%' +2%#!0$' 6070#' 40%+!0+'%-5'$,0'!'30'$,0'-020++'$8'6 #'0E2!*+' -' '+' ;7' *+' -' 5 *;$6*!' 2%+0+' $,0' U*0+$' -' 6' 0E2!*+' -',+, *!5';0'502'505';8'$,0' +2, !' :,8+'2'%-' #'1,0#0' $,0#0''+' -'+*2,' 66'2'%!' $,0' %57'20' 6'%2 4:0$0-$':,8+'2'%-'+, *!5';0' + *.,$';8' $,0' $0%2,0# # +*:0#'-$0-50-$' 0%54'++' -' $' +2, !' %!+' +, *!5;0';8' $,0' %57'20' 6'%':,8+'2'%-'

00' # %#' '4 # % *' * %* *'4 '%'3#* ' #'4,' ' %#% # '4 + %#' 4" 0 # ' #8 #' 4%-5'%#$'2!0+' -' $,0' 5'660#0-$'5'+0%+0+

W ' / ' $0#4' %:9 :!'05'$' & *#-08+' 6' ! -.0#' #+, #$0#' 5*#%$' -' $%30-';8' +2, !' 2,'!5#0-' *-50#' $,0' 5'#02$' -' 6' $0%2,0#+' :#'4%#'!8' 6 #' :*#: +0+' 6' '-+$#*29 $' -' '+$ #'2%!!8'$,0' +2, !' 0E2*#+' -' 4%8';0' 2 --02$05'1'$,' $,0' 1%-50#'-.'%-5';0..'-.'+$*9 50-$+' 6'$,0' '55!0' .0+' ,0'5'+$'-2$ 05*2%9 $' -%!' 7%!*0' 6' $#%70!' 1%+' #02 .-'G05';8' 4 +$ 6' $,0' 1#'$0#+' -' 05*2%$' -' 6' $,0' +'E$00-$,' %-5' +070-$00-$,' 20-$*#'0+' '-2!*5'-.' 6' 2 *#+0' -$%'.-0'%-5' 40-'*+;*$',0#0' $,0' :0#' 5' 6' $#%70!'+*2200505' $,0' 05*2%$' -' 6' $,0' +2, !' %-5' 1%+' -$' '-$'4%$0!8' 2 --02$05' 1'$,' '$' #0' +:02'6'2%!!8', 1070#' $,0' +2, !' & *#-08 #020'705' '$+' '4:0$*+'6# 4'$,0' 1 #3' 6' *++0%*' *-50#' 1, +0' '-6!*0-20' %+05 1' '-2 #: #%$05' $,0' +2, !' 0E2*#+' -'%+':%#$' 6' $,0' 1 #3' 6' $,0' ,'!%-$,# :'-*4' %$' 0++%*<' ;*$'$,'+' 6%'!05' 1'$,'$,0' #0+$' 6',' +' !8' $' ;0' #07'7'6'05' %-5' +*220++6*!!8' 5070! :05';8' %!G4%-' 4<% %*' %$' 2,-0:60-$,%!' -6!*0-205';8' %!G4%--' %-5' 0-50#' 1,',%5' 4%50' *+0' 6' +2, !' & *#9 -08+' %$' 0'-,0'4' ' $ 8' &<% %*' '-$# 5*205' $,0' +8+$04' '-$' $,0' :#%2$'20' +2, !' %$' (0-%' ,0' :!%-' #020'705' '$+' 6'*#$,0#' 5070! :40-$' *-50#' # 60++ #' 0'-' 1,' 2 4;'-05'Z'!!0#+' $,0 #8' -' $,0' +*;&02$' 1'$,' $ 8+' :#%2$'20' %-5' 4%50' $,0' +2, !' & *#-08' %-' '-$0.#%!' :%#$' 6' $,0' +2, !' 2*##'2*!*4' # 4' (0-%' $,0' :!%-' ,%+' ;00-' %5 :$05' $,# *., *$' *# :0' ,0' +, #$' ,%!6?5%8' # 5%8' 0E2*#+' -' '+' % 60%$*#0' 6' $,0' 0#4%-' 0!040-$%#8' +2, !+' '+'$+' %#0' 4%50' $' ! 2%!' 4*+0*4+' %-5' +20-0+' %66 #59 '-.' '-$0#0+$' 6# 4' $,0' .0 .#%:,'2%!' ,'+$ #'2%!' %-5' -%$*#%!' :'-$+' 6' 7'01' '-' #50#' $' +*::!09 40-$' %' 506'-'$0' !0++ -' ,0' ! -.0#' +2, !' & *#-08'%+' 2 -20'705';8' # 60++ #' 0'-' +0#70+' $' 6 2*+'-'%':#%2$'2%!' 1%8' 4 +$' 6' $,0' 1 #3' 6' $,0' 80%# 1'$,'-' 20#$%'-' !'4'$+' .0 .#%:,8' ;02 40+' + 40$,'-.' #0%!' 1,0-' $,0' :*:'!+' 2%+0+' +00' %2$*%!' 2 -2#0$0' '-+$%-20+' 6' 1,%$' 4%8',' $,0#$' ,%70';00-' -$,'-.';*$' -%40+' -%$*#0' +$*58' .0 ! .8' ; $%-8' ;02 40' ;9 &02$'6'05' ,'+$ #8' #020'70+' % 2 -2#0$0' ;%239 .# *-5' %-5' $,0' :*:'!+' 7'01+' %-5' *$! 3' -' $,0' 1 #!5' %#0' ;# %50-05' .0-0#%!!8' ,0' 1 #!5' '$+0!6' ;02 40+' % 7%!*%;!0' 05*2%$' -' 2, !' 1 #3' %+' 5070! :05' %$' :#0+0-$' $0-5+' $ ' 4*2,'$' ;0' +0%$' %-5';3' 1 #3' ,0' & *#-08' #' 0E2*#+' -' '-$# 5*20+' 7%#'0$8' 6' % 7%!*%;!0' 2,%#%2$0#' %-5' $0%2,0+' $,0' :*:'!', 1'$' 05*2%$0' ,'4+0!6';8' *+'-.' ,'+' 080+' %-5' 0%#+' 6#0U*0-$!8' $,0' ;%231%#5':*:'!+, 1+' U*%!'$'0+' -' $' #02 .9 -'G05' '-' $,0' 2!%++# 4' #' $,0' 2!070#' :*:'!' 6'-5+' $,%$',0',%+' 4*2,'$' !0%#-' $' '-',' +' 2 -$%2$' 1'$,' -%$*#0' %-5' $,0' 1 #!5' %-5';$,' 4%8' !0%#-' $' 6'-5':!0%+*#0' '-' $,0' :0-' /'% 7%!*9 %;!0' $#%'-'-.' '-' $,0+0' 5%8+' 6' 2# 1505' $ 1-' !'60' *#$,0#' $,0' 2 -$#';*$' -' $' 2,%#%2$0# 6 #4%$' -'+' -' +!'.,$' -0' $,0' '-'$'%$'70' %-5' 6#005 4'1,'2,'$,0':*:'!' 0-& 8+' +'.#0%$0#' $,%-' 2%-' ;0' :++';!0' '-' $,0' +2, !' $,0' 2 -+$%-$' 2 -$%2$' 1'$,' $,0# :*:'!+' +' % 7%!*%;!0' + 2'%!' $#%'-'-.' 1,'!0' $,0' #0!%$' -+' 1'$,' $,0' $0%2,0# 2%-' %++*40'%-$,0# %+:02$' $'$,%$' '-' $,0' 2!%++# 4' # 60++ # 0'-+' 0E%4:!0' ,%+' ;00-' '4'$%$05' $,# *., *$' 0# 4%-8';*$' 4 #0' :%#$'2*!%#!8' 1,0#0' $,0' 0#;%#$'%-' '-6!*0-20+' %#0' +$# -.0+$' -' *+$#'%? *-.%#8' !!%-5' 0-4%#3' *++'%' %-5' -.!%-5' +$*50-$+' 6' # 60++ # 0'-' ,%70' '-$# 5*205' $,0' +2, !' & *#-08' %+' #.%-'G05' %$' (0-%' *$' $,0# 4 70 40-$+' 6' 0U*%!!8' 05*9 2%$'70' 7%!*0' ,%70' ;00-' '-6!*0-205' ;8' $,0+0' & *#-08+' '-' 0# 4%-8' -*40# *6' + 2'0$'0+' + 40' 6' 1,'2,'%#0' :,'!%-$,# :'2' ,%70' +:#*-.' *:'$' 6%2'!'$%$0' $,0' $#%70!'-.' 6' +2, !' :*:'!+' ;*$' $,0+0' & *#-08+' 5' -$' 6 #4' %-' #.%-'2' :%#$' 6' $,0' +2, !' 1 #3' 0# 4%-' :*:'!+' 2%-' - 1' ;0' 6 *-5' 5*#'-.' 7%2%$' -+' +2%$$0#05' - $

-!8 70# $,0 1 , !0 !0-.$, %-5 ;#0%5$, 6 $,0'# 1-2 *-$#8 ;*$'-$,0 8# !''-$,0 !:+ '- #%-20%-5 -.!%-5 '$,$,0!%+$2 *-$#8 %+8+$04 6 0E2,%-.0 6 , +:'$%!'$8 ,%+ +:#*-. *: - #%-20%-5 0!.'*4$,0+2, !& *#-08 '+ 6#0U*0-$!8.'70- %+ %#01%#5 6 #. 5 1 #3 %!$, *.,''- #*++0!+ % +2, !0E2*#+' - -20% 6 #$-'.,$ '+ 2 4:*!+ #8 - -.!%-5 $,0 +2, !& *#-08 6 $,0 (0-% $8:0 ,%+ ,%5 % 1'50 7 .*0 %-5 #020'705 %- '4:*!+0 6# 4 $,0 +*29 20++6*! 0E:0#'40-$+ 4%50 '-2 --02$' -1'$,$,0 :#%2$'20 +2, !+ 6 $,0 %-2,0+$0# -'70#+'$8 6'#+$ *-50# # 60++ # '-5!%8 1 , '-+$'$*$05 $,0 :#%2$'20 6 $%3'-.,'+ :*:'!+'-$ $,0 2 *-$#8 6 #%:0#' 5 6 $1 1003+ '-0%2,80%# *:'!+ 6# 4 -.9 !'+, +2, !+ 4 #0 :%#$'2*!%#!8 +02 -5%#8 %#0 $%30-'-$ 0#4%-8 %-5 #%-20 %-5 - 5 *;$ $,0 6 *-5%$' -+ 6 # :0%20 %#0 ;0'-.!%'5 '-$,*+.'7'-.$,0 8 *-.0# .0-0#%$' - %- %:9 :#02'%$' - 6 $,0'# -0'.,; #+ 1'$, *$ 40-9 $' -'-.$,0 05*2%$' -%! ;0-06'$+%22#*'-. ,0 +2, !0E2*#+' - '- $,0 -%## 10# +0-+0 6 %+, #$ & *#-08 1'$, %- '4405'%$0 :*#: +0 '+ #020'7'-.6%7 #%;!0 0-2 *#%.040-$ 6# 4 $,0 %#5 6 5*2%$' - 1,'2,'#02 .-'G0+ #%4;!0+ 0E2*#+' -+ %-5 7'+'$+ 6 # +2, ! %$$0-5%-20 :*#: +0+ & !.(6 >PKP #$ MM *6 %-5 $0%2,0#+ %#0 - $+! 1 $ %7%'! $,049 +0!70+ 6 $,'+ : 10#

,0 +*220++ 6 +2, !& *#-08+ 50:0-5+ !%#.0!8 - 2%#06*! :#0:0:%#%$' - %-5 #.%-'G%9 $' - ,0 2*##'2*!*4 6 $,0 1, !0 80%# +, *!5 *-2 -+2' *+!8 6 #4 %:#0:0:%#%$' -'6 # 1,%$'+ $;0 +00- %-5 7'+'$05 4 #0 '4405'%$0 :#0:9 %#%$' - 4%8 ;0 .'70- % 601 1003+ ;06 #0 $,0 & *#-08 ,0 :*:'!+ +, *!5 #020'70 5'#02$' -+ %+ $;0,%7' # 0 6 $,0 %4 *-$ 6 ;%..%.0 $;0 ;# *.,$ %-5 % !'$$!0 :#0:0:%#%$ #8 0E9 0#2'+0 - 4 +$ 2%+0+ $,0 :*:'!+ :%8 $,0'# 1-0E:0-+0+ 1,'2,''- -.!%-5 %-5 0#4%-8 %4 *-$ $ ^J %-5 >0 0%2, #0# :*:'!+ +, *!5 + 6%# %+ : ++';!0 ;0 %++'+$05 U*'0$!8 6# 4 + 40 2 -$#';*$' -+ , !'5%8 +%7'-.+ ;%-3 '+ %. 5 :!%-' '- : # +2, !+ ,!0 % 506'-'$0 # *$'-0 +, *!5 ;0 ;+0#705 0 6 '$ '+ $ -020++%#8 $,%$ $,0 $'40?$%;!0 +, *!5 ;0 + #'. # *+!8 ;+0#705 %+ $ 50$#%2$ 6# 4 $,0 $#*!8 05*2%$' -%! 7%!*0 6 $,0 & *#-08 $,0# '4 : #$%-$ 60%$*#0+ '- #.%-'G'-. % +2, !& *#-08 %#0 $,0 +02*#'-. 6 ! 5.'-.+ $,0 :# 7'+' - 6 .*'50 ; 3+ 1,'2,''-+ 40 2%+0+ $,0 :*:'!+ 4%8 :#0:%#0 $,04+0!70+ %-5 $,0 +*::!8 6 % +4%!! 405'2'-0 2,0+$,0 +2, !& *#-08 +, *!5 ;0 # *-505 66 1'$, % .0-0#%! #07'01 %-5 6 # 2!%++# 4 :*#9 : +0+ '$+ 7%!*0 !'0+ '- 2 -+$%-$ #060#0-20 $ '$ 1,0#0 ;&02$'70 3- 1!05.0 '+ #0U*'#05

- $,0 -'$05 $%$0+ $,0 +2, !0E2*#+' - ,%+ -!8 #020-$!8 ;00- 04:! 805 %+ % 40%-+ 6 '-+$#*2$' - $, *.,'$+ *+0 '+ '-2#0%+'-.' 0%2, 80%# '+'$+ 6 $0%2,0# %-5 2!%++ $ $,0 :%#3+ %-5 4*+0*4+ 6 2'$'0+ %#0 ;02 4'-.' 4 #0 2 44 - %-5 ,%!6?5%8 0E2*#+' -+ $ $,0 2 *-$#8 %#0 - 1'04:! 805 '-+ 40 :!%20+

- %!!?5%8 0E2*#+' - - %$*#5%8 ,%+ ;02 40 % #0.*!%# :%#$ 6 $,0 +*440# 7%2%$' -+2, ! +*2, 0E2*#+' -+ 6$0- ;0'-.' 4%50 $ 6%#4+ %-5 $: '-$+ 6 '-$0#0+$ + 40 5'+$%-20 '- $,0 2 *-$#8 ,'+ 6 #4 6 $0%2,'-.'+ 2%:%;!0 6 4*2, .#0%$0# *+0 $,%- 10 ,%70 + 6%# .'70-'$

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9 * 0(.02: (27 3 1 4 .(C 0 ! 3 !6 (4 2 0 .38 1 # % # & % % # 1 - (# .(C 0 ! 6 ((444 2 -%38 # # @ @ /) @ (F F 4 2 -.3 9 ((.(, 6 $ 7) !9 (1 20(; 0 90 @6 + .(0 0 / % # ((!9 ((1 20(+ 9 90) .(0 % #) ; / - , !6 + 27 0 3) ; / * / + 5 0 6 (F (444 %->& - A % # 1 1) 0(% " %6 ((444 .'%'

W / + -0 40%-+ 6 :#070-$'-.' %-5 2 ##02$'-.'*-1%##%-$05 %;+0-20+ %-5 $%#5'9 -0++0+ $,0 +2, !+ *+*%!!8 #0U*'#0 1#'$$0- 0E2*+0+ 6# 4 $,0 :%#0-$ *2,' 0E2*+0+ %#0 40#0 0E:!%-%$' -+ $,0 504%-5 6 # 1,'2,' '+ 507'+05 $ 2,023 $#*%-28 # $ #070%! 50602$+ '- 40 2 -$# ! ,08 %#0 6 70#8 '##0.*!%# 06602$ '- 5'660#0-$ 2 44*-'$'0+ 50:0-5'-. - $,0 2 4:*!+ #8 %$$0-5%-20 +$%$*$0+ $,0 6'#49 -0++ 6 +2, !%54'-'+$#%$' - %-5 2 44*-'$8 :'-' -

0 , ' %#% # %!+ ' * *

W / - + 40 2 44*-'$'0+ 0E04:$' -+ 6# 4 +2, !%$$0-5%-20 %-5 +2, ! 0E%4'-%$' -+ %#0 .'70- $ 2,'!5#0- %+ % #01%#5 6 # . 5 %$$0-5%-20 %-5 ,'.,?.#%50 +2, !%#+,': ,0 :#%2$'20 '+ 502#0%+'-.''- $,0 ! 10# +2, !+ '- :%#$'2*!%# 1'-.$ $,0 6%2$ $,%$ 0E04:$' - 6# 4 +2, ! 5*$'0+ %-5 :: #$*-'$'0+ $#0%$05 %+ % :#'7'!0.0 # #01%#5 0-.0-50#+ %- *-9 1, !0+ 40 %$$'$*50 $ 1%#5 $1 - #4%! 6*-29 $' -+ 6 +2, ! !'60 ,0- '44*-'$8 6# 4 %$$0-5%-20 # 0E%4'-%$' - '+ #0.%#505 %+ % :#'7'!0.0 '$ '4:!'0+ %- 0+2%:0 6# 4 + 40$,'-.' *-:!0%+%-$ %-5 *-50+'#%;!0

00 , ' %#% #

W / 00 '*4 % *6 # '*4) #%* ' *

W / 00 #6 # ; ' *

W / 00 &%

W / - 0-5 140-$ 6 # $,0 4%'-$0-%-20 6 : # +2, !%#+ 0'$,0# %$ % +2, ! # %$ % *-'70#+'$8 $ '+ -0 6 $,0 4 +$ %-2'0-$ %+ '$ '+ -0 6 $,0 4 +$ 0E$0-+'70 6 4 50#- 40$, 5+ 6 :# 4 $'-.' 05*2%$' -

,0 $0#4 '+ 50#'705 6# 4 4%- !%1 %-5 40%-+ - $,'-. 4 #0 $,%- 4%'-$0-%-20 $ 22*#+'-$,0 ' HWW '''' QF'-$1 '2'$%$' -+ 6# 4 !:'%- R ,0$,0# %-8 -0 '+ ; *-5 $ 4%'-$%'-& 2 * $,0+0 2,'!5#0- -!8 1, %#0 '-,'+: 10# #%!+ $, +0 1, %#0 04%-2':%$05 #0U*'#0+ 2 -+'50#%$' - S -5 &' WW E' JF R ,0 #'.,$ 6 %!'4 -8 & 0 * 6 # 1%#5+ '+ 1',-$,0 #%0$ #+ 2 .-'+%-20 ,0- %- 0+$%$0 '+ !%#.0 $,0 40%+*#0 6 %!'4 -8 '+ .'70- $;8 $,0 +'G0 6 $,0 0+$%$0 ;*$;8 1,%$ '+ +*66'2'0-$ 6 # % 4 50#%$0 4%'-$0-%-20 4<0 2 / 0 0// (*J E,';'$' -+6 # ; 8+%$ +2, !%::0%# $ 5%$0 %$!0%+$ 6# 4 $,0 $'40 6 $,0 4:0# # !0E9 %-50# 070#*+ '+ :#05020++ #+ ,%5 0+$%;9 !'+,05 :*;!'2 +2, !+< ,0 0+$%;!'+,05 0E,';'$' -+ 6 # : [';8+ 1'$,'$,0 2 -5'$' - #0:0%$05 '-$,0 +$%$*$0+ 6 $ - !!0.0 -0 $, *+%-5 80%#+ !%$0# $,%$ $,0 #02':'0-$+ +, *!5 ;0 6#00 ; #- -.!%-5 '$ '+ #02 #505 ;8 0#4%- #2,9 50%2 - 6 *66 !3 1#'$'-.'(% >KLK $,%$ '-.' %-*$0 (% >KNK 1,0- ,0 10-$ $ %-8 - $05 4'-+$0# # 1%!!05 2'$8 +0-$ $,0#0 ; 8+$; 0 $%*.,$ %$,'+ 0E:0-+0 - $ -!8 6#005 40-'%-5 $,0 : #'; *$%!+ 6#00 40-+ 2,'!5#0- 0#,%:+ $,0 0%#!'0+$ '-+$%-20 6 %-'0E,';'$' - '-: +$? -U*0+$ -.!%-5 '+ '-' >>LO 1,0- $,0 ,0#'66 6 #$,%4:$ - %22 *-$05 6 # $,0 !'70#8 & 2 (* 6 (,-' % 2!0#3 6 !0%- #'] *00- 6 :%'-'1,'!0 ,0 1%+ %$ +2, ! %$!#$,%4:$ - %$ $,0 #%$0 6 L % 1003 &+ " 6 NN $' NL 0- F 7'50-20 6 % +'4'!%# # 8%!'0E,';'$' - 22*#+'-' % 1#'$ 6 '-.'(,-' $ '!!'%4' 6 #-,'!!' >J :#'!' >NKQ R %30 $,0 ;0%#0# 0 66#08 %$$0-5 +2, ! %$ '-2,0+$0# %-5 6'-5 ,'4 #0%+ -%;!0 -020++%#'0+ 0$ *+3-1 1,%$ 8 *'+:0-5 -,'4 %-5 8 *'+,%!' ;0 .'70-'2#05'$6 #'$ S *$ # 8%!'0E,';'$' -0#+ 10#0 - $ $,0 , !50#+ 6 :0#9 4%-0-$ 0-5 140-$+ ,0 6'#+$ 6 $,0+0 +004+ $,%70 ;00-'2 --02$05 1'$, $ # ++ +:'$%!' ;8 '-2,0+$0# 6 *-505 '-' >>JK 1,0#0 >KK : # 40- 10#0 5%'!8 0-$0#$%'-05 %$ 5'--0#' %4 -.'1, 4 10#0 $,'#$00-' 6 $,0 +2, !%#+ 6 $,0 .#%44%# +2, ! +0-$ $,0#0 ;8 $,0 4%+$0# 6 $,0 '.,' #%44%# 2, ! 6 $,0 2'$8 6 '-2,0+$0# ,0 07'50-20 $,%$ $,'+ %###%-.09 40-$ 1%+ :%#$ 6 $,0 #'.'-%! 6 *-5%$' - 509 :0-5+ -'%+*'$ 1'$-0++05 '-' >JLJ $ *#,%4' $,0 !4 -0#+ 0.'+$0# H6 >N #02 #5+%5005 ;8 1,'2,' '4 -' 6 %#!'-.$ -'H1,'2,'+'-' %4:9 +,'#0 + ',%$,0 3-01 $ # ++ #2,50%2 - 6 *#,%4 .%70 '-' >>)K $,0 4%- # 6 8, - *#,%4 R 6 # $,0 4%'-$0-%-20 6 $,#00 +2, !9 %#+ 6 *#,%4 +2, ! 1, 4 $,0 4%+$0# +,%!' 2,%#'$%;!8 2, +0 %-5 +0-$ 1'$,% $%!!8 1'$,' '4%.0+ 6 $,0 !0++05 '#.'-%-5 $ *$,? ;0#$ $ $,0 !4 -0#+ 1, +,%!' :# 7'50 $,04 1'$,'6 5 %-5 5#'-3 %-5 ! 5.'-.'-'$,0 !9 4 -#8 S

,0 $1 0%#!'0+$ 0E,';'$' - 6 *-5%$' -+ '- #%-20 %#0 2 --02$05 1'$,' -.!%-5 - >>)K %-' -.!'+,4%-'-%405 (2'*+ -','+ 1%8 , 40 6# 4 % :'!.#'4%.0 $ %!0+$'-0 0+$%;!'+,05 %$ %#'+ %-' 0E,';'$' - 0-5 140-$ %$ $ %#8 +: '$%!' %$ %#'+ 6 6 5 %-5 ! 5.'-.' '-' % +0:%#%$0 2,%4;0# 6 # 0'.,$00-' : # R +2, !%# 2!0#3+ S 1'$,' $10!70 0 % 4 -$,' 1,'!0 +070- 80%#+ !%$0# $,0 *-$ 6 #0*E 0+$%;9 !'+,05 %+'4'!%# 0E,';'$' -6 # : # 2!0#3+ '-$,0 +: '$%!' 6 $' , 4%+$,0 %#$8# H 0230$F %$ $,0 *7#0 ,0 $0#4 R 0E,';'$' -S 6 # +*2, 4%'-$0-%-20 6 : # +2, !%#+ %:0%#+ $;0 6'#+$ *+05 '-' -.!%-5 '-' $,0 0#$ - !!0.0 $%$*$0+ 6 >NLM 1,'2,' :# 7'505 6 # $,0 1'$,9 5#%1%!' 6 $,0 4%'-$0-%-20 6 0E,';'$' -& 0 = # 2 * 6 % $*#;*!0-$ +2, !%# '66%#5 #2,;'+, :' 6 #3 1# $0 -' %# L >NLO $,'+ ;%'!'66 $ R 4%'-$%'-& 2 * (,-' *2,0# %-5 ,'+ $1 2 4:%-' -+ %$$0-5'-.' +2, !%$ 070#!08 6# 4 '2,%0!4%+ %$ $,0 #%$0 6 +' % 1003 1'$,' $,0'# :0$$8 -020++%#'0+ S H1,'2,' $,0 0#$ - !!0.0 #%44%# 2, ! %22 *-$+ 6 # $,0 6 !! 1'-.'80%# +, 1 $ 40%-+, 0+ +$ 23'-.+ !'.,$+ %-5 $,0 !'30 F R 1'$,' JO5 6 # $,0'# . 1-+ S

,0 1'!! 6 $,0 6'6$00-$,' 20-$*#8 %#0 6*!! 6 0E,';'$' -+ ,*+ '- >MN > , 4%+ #00-9 1 5 6 #3 %-5 '-2 !-.%70 NK 4%#3+ 0%2,' $ '!!'%4 -5 (,-' #00-1 5 $ '!0%#-$,0'# .#%44%# %!:,' -%'$,' '- >MLN 5'#02$05 $,%$ '!!'%4 %306'0!5 R ;0 6 *-5 %$ +2 !0 S %-5 '# (,-' !3'-.$ -' '- >ML .%70 4%#3+ % 80%# $ R 6'-5 (,-' !3'-.$ -' $,'+ !0#-'-.' %$ E0-6 #$, S -' >QK > ;0#$ -+$%;!0 +0#.0%-$?%$?!%1 .%70 aNK $,'+ + -' %#4%7 5*30 R 6 # ,'+ 68-5'-.'%-5 0E,';'$' -' '-' $,0 -'70#+'$8 6 %4;#'5.0 6 # J , !0 ?80%#+ ;8.'--'-.' %$ >Q 80%#+ !5 %-5 aNM 6 # J 80%#+ 4 #0 0E,';'$' -' %$ %-' --' 6 ,%-9 20#8 S

0#,%:+ $,0 0%#!'0+$ *+0 6 $,0 $0#4 '-' :#09 2'+0!8 $,0 4 50#-' +0-+0 '+ $;0 6 *-5' '-' *!? 2%+$0#+ + '-' >Q)Q 1,0-,0 +:0%3+ 6 :0 :!0 1, 1 '!!R .'70%+2, !%#+ 40:0$'0': #0 0E,';'$' -$ +004 $;0 #0!'.' *+ S' # 4 $,'+ $'40 0E,';'$' -+,%70 ;00-$,0 6%7 #'$0 6 *-5%9 $' -1'$,$, +0 50+'# *+ 6 ;02 4'-.':' *+6 *-59 0#+ ,'!0 1,%$ 1%+2,'06!8 1%-$05 1%+ -01 +2, !+%-5 $,0'-2#0%+0 6 !5 -0+7%-'$8 1%+ 4 #0 2,0%:!8 6!%$$0#05 ;8 $,0 2#0%$' - 6 0E,';'9 $' -+1,'2,' 10#0 2%!!05 %6$0# $,0 5 - #+ -%40 ,0 2#0%$' - 6 -01 +02 -5%#8 +2, !+ :#%2$'9 2%!!8 20%+05 6# 4 $,0 0+$ #%$' - '- >OOK $ $,0 4'55!0 6 $,0 -'-0$00-$,'20-$*#8 *$ $,0 6! 1 6 0E,';'$' -0-5 140-$+ 10-$ -' -$0#9 4'$$0-$!8 ,0 2, !+ -U*'#8 44'++' - 6 >)OL 1%#4!8 :#%'+05 0E,';'$' -+ %+ $,0 40%-+ 6 ;#'-.'-.' $,0 ! 10#?2!%++ ; 8 $ ' $,0 $:< %-5 $,0 601 '-+$%-20+ 6 6%#40#+ # 1 #3'-.40-+ -+ 1, ;02%40 ;'+, :+ #,0%54%+$0#+ #$,0 !'30 ;8 40%-+ 6 0E,';'$' -+ 6# 4 $,0 2 *-$#8 .#%44%# +2, !+ $ $,0 *-'70#+'$'0+ .%70 % -01 '4:0$*+ $ $,0 6 *-5%$' - 6 0E,';'$' -+ %+ ;*!5'-.'%!%550# 6# 4 $,0 ,*',;!0+$ +$%$' - '-!'60 $ $,0 *-'70#+'$8 -0- #4 *+ 6*#$,0# '4:0$*+ 1%+ .'70-'$ $,'+ 1,0-'-' >)PO %-5 '- >PKN !%#.0 05*2%$' -%! 6*-5+ 10#0 :*$;8 $,0 $%$0'-' $,0 ,%-5+ 6 ! 2%!'%*$, #'$'0+ ,'!0

$,0 #0%! -005 6 $,0 2 *-$#8 1%+ -01 +2, !+ %-5 $,0 '4:# 7040-$ 6 !5 -0+ ;8 $,0 :# 9 7'+' - 6 %50U*%$0 :%8 6 # %++'+$%-$ 4%+$0#+ 4*2, 6 $,0 6*-5+ 1%+ !%7'+,05 -E, ';'9 $' -+ $ $%30 ; 8+ 6# 4 $,0 0!040-$%#8 +2, ! -1%#5+ ; *$ -0 '-$0- 6 $,0 0E, ';'$' -0#+ 50#'70+ %-8 #0%! ;0-06'$ 6$0- $,0 +*29 20++6*! 0E, ';'$' -0# :# +:0# *+ %+ % +2, !%# 40#0!8 %55+ $ $,0 2# 15 6 *-50#:%'5 %-5 *-+*220++6*! %++'+$%-$ $0%2,0#+ #$*-%$0!8 $,0 %*$, #'$'0+ %#0 - 1 5'#02$'-.4 #0 %$$0-$' - $ $,0 '4:# 7040-$ 6 $,0 +2, !+ %-5 $,0 :# 7'+' -6 # 4%+$0#+)00 & * *4 ,' % * *

$(/ / 00 ; * #* 3# 6 #% #% '% #

/ -'4: #$%-$ %+ 10!! %+ 4 +$ 5'66'2*!$:# ;!04 '- +2, !+ ; $, :#'7%$0 %-5 :*;!'2 '+ $ +02*#0 $,0 '-9 $0#0+$ 6 $,0 :%#0-$+ %-5 $,0 +*:: #$ 6 $,0 2 44*-'$8 -0 + !*$' - 6 $,0 :# ;!04 '+ 6#0U*0-$!8 + *.,$'-+2, !0E, ';'$' -+ +- $ %!! $,0 0E0#2'+0+ 6 $,0 +2, !%54 $ 6 % #0%58 :0#6 #4%-20 '- :*;!'2 # %66 #5 :: #$*-'$8 6 '-$0#0+$'-.% -* %*5'0-20 '$ '+ 2*+$ 4%#8 $ #0!8 *: - % 5'+:!%8 6 %22 4:!'+,40-$+ / 4*+'2'502!%4%$' -+ 5#%4%$'2 :0#6 #4%-20+ 2%!'+$,0-'2+ # 5%-2'-.< #*: -',0 :# 5*2$+ 6 ,%-51 #3 +*2, %+ 5#%1'-. 1 51 #3 # +01'-. -+2, !+ 1,0#0 -!8 !'$0#%#8 +*;9 &02$+:10#0 $%*.,$ 0E, ';'$' -+ 10#0 6 #40#!8 !'4'$05 $ 502!%4%$ #8 0E0#2'+0+ ,0 07'! $0-50-2'0+ 6 $,0 :#%2$'20 %#0 50+2#';05 %+ 0%#!8 %+ >)>N '-$,0 C0 6 :*;!'+,05 '- 01 #3 1,'2, '-$+ *$$,%$ %+ + -' %+ %+2, ! 0E!'';'$' -' +' 502'505 -' %!! #0.*!%# 1 #3 '+ -0.!02$05 %-5 070#8$,'-.'+ $*#-05 $:+8?$*#78 R$,%$ $,0 2,'!5#0-' 4%8 ;0 $%*.,$ $,0 %#$ 6 0 %3 ,0 :*:'!+ %#0 - $ $%*.,$ %-89 $,'-.'*+06*!';*$!0%#-' ;8 # $0 :'020+ ;08 -5 $,0'# 2 4:#0,0-+' - ,0 *+0 6 $,0 5'+:!%8 6 $,0 %$$%'-40-$+ 6 :*:'!+ '- #50# $ 0-!%#.0 $,0 :%$# -%.0 6 :#'7%$0 +2, !+ 1%+ :%#%!!0!05'-$,0 0%#!8 +$%.0 6 $,0 :*;!'2 +2, !+ 1,0-'$ 1%+ -020++%#8 $ +02*#0 $,0 :*;!'2 +*:: #$ *;!'2 0E, ';'$' -+ '-$,0 0!040-$%#8 +2, !+ 6 +$ -%-5 01 #3 10#0 %$ $'40+, - #05 ;8 $,0 :#0+0-20 6 $,0 #0+'50-$ 6 $,0 -'$05 $%$0+ $,0. 790#- #+ 6 $,0 +$%$0+ $,0 2,'06 66'2'%!+ 6 $,0 2'$8 %-5 $,0# 5'+$'-.*'+,05 .*0+$+ -*#*#%! 2 44*-'$'0+ $,0 2! +'-.0E0#2'+0+ 6 $,0 +2, !+ 2 -+$'$*$05 $,0 2,'06 070-$ 6 $,0 80%#' %$$#%2$9 '-. $,0 0-$'#0 2 44*-'$8 1 $,'-' %#%5'*+ 6 $0-' # 6'6$00-' 4'!0+ $ $,0 :0-?%'# :#0+0-$%9 $' -' 6 5'%! .*0+' %-5 :!%8+ #0%$ '-$0#0+$ 1%+ %# *+05 '-' -01 :!%-+6 # $,0 05*2%$' -' 6 $,0 -0.!02$05 2!%++0+ 0-20 $,0 +2, !+ 6 0+$%! GG' 0!!0-;0#. %-2%+$0# 0!! 10-%-5 '!50#+:'-' 10#0 7'+'$05 R 1'$,' 1 -50#9 1%'$'-.080+ S ;8 :#'-20+ %-5 :00#+' 2!0#.8 %-5 %!! $8:0+ 6 05*2%$' -%! #06 #4 0#+ :02'%!

22%+' -+ 6 # 504 -+$#%$'-. $,0 40#'$+ 6 $,0 -01 +2, !+ 10#0 6 *-5 '-' +$%$05 0E%4'-%$' -+ %-5 0E, ';'$' -+

'$, $,0 +8+$04%$'2 .#%5'-. 6 $,0 +2, !+ 0E%4'-%$' -+ 20%+05 $, %70 % :*;!'2 2, %#9 %2$0# %-5 $,0 :#'-2':%! +2, ! 0E, ';'$' -+ 10#0 $,0 .#%5*%$'-. 0E0#2'+0+ 02 -5%#8 %-5 0!09 40-$%#8 +2, !+'4'$%$05 $,0 2 !!0.0 2 440-209 40-$ '-' $,0 2 -60##'-. 6 5':! 4%+ $,0 +%!*$%9 $ #8 %-5 $,0 7%!05'2$ #8 %55#0++0+ ;8 .#%5*%$0+ %-5 '-' 4%-8 $,0#$'40?, -#05 60%$*#0+ 6 $,0 2 !!0.0 ,0 +$0-$%$' *+ 5'+:!%8 6 ; ## 105 %22 4:!'+,40-$+ 6 5#0++ 6 6! 10#+'%-5 '6$+ 1'$, $,0 2 -+0U*0-$;*#50- 6 0E:0-+0 *Y ` - $,0 :%#0-$+ !05 $ % #0%2$' -' -6%7 # 6 +'49 :!'2'$8 '7%!#8 '- 5#0++ +- 1 5'+2 *#%.05 %-5 % :#%2$'2%! %55#0++ $ $,0 .#%5*%$0 ,%+ .0-0#%!!8 #0:!%205 $,0 '44%$*#0 :# 5*2$' -+ 6 $,0 :*:'!+

,0 4 50#-2*##'2*!*4 ,%+ .'70- 22%+' - 6 # 4%-8 +:02'%! 6 #4+ 6 +2, ! 0E, ';'$' - 1,'2, :#0+0-$ %-5 0E: +'$' - 6 $,0 1 #3 $,# *., *$ % +2, ! # %66 #5 :: #$*-'$8 6 # $,0 2 4:%#'+ - 6 $,0 +2, !+ 6 % 2'$8 # 6 5'660#0-$ 2 44*-'$'0+ 2%!! 0E, ';'$' -+ %#0 2 44 -!8 4%50 6 # 6# 4 -0 $ $,#00 5%8+ *+*%!!8 %$ $,0 2! +0 6 $,0 +2, ! 80%#' %-5 $,0 1 #3 6 0%2, .#%50 # 50:%#$40-$ '+?:# :0#!8 %##%-.05 !%;0!05 %-5 0E, ';'$05 6 # $,0 '-+:029 $' - 6 $, +0 7'+'$'-.$,0 +2, ! # +2, !+ 40$'40+ '-' !%#.0# 2'$'0+ % 2 !!02$05 0E, ';'$ '+ 4%50 %$ + 40 20-$#%!:!%20 %$ $,0 2! +0 6 $,0 +2, ! 80%# # -%22 *-$ 6 + 40 +:02'%! 400$'-. # 22%+' - 5*#'-.$,0 +2, ! 80%# *2, 0E, ';'$' -+ 6#0U*0-$!8 !%+$ % 1003 # 4 #0 %-5 *+*%!!8 %$$#%2$ 4*2, ! 2%! %$$0-9 $' - ,+ 6 #4 6 +2, ! 0E, ';'$' - '+ 6#09 U*0-$!8 :# 7'505 '- -.!+, i'$'0+ -5 -' ,%7'-.:# 7'505 4%-8 +*2, # 2 4:%#%$'70 +$*58 +:02'40-+ 6 5#%1'-. 4%:+ - $0; 3+ 2,%#$+ %-5 %!! $,0 7%#' *+ 6 #4+ 6 ,%-51 #3 660# % 5'+$'-2$ %57%-$%.0 ,0 6'#+$ #.%-'G05 04:! 840-$ 6 +*2, 0E, ';'$' -+ 1%+ '-'$'%$05 ;8 $,0 !820*4 4 7040-$;06 #0 $,0 4'55!0 6 $,0 :%+$ 20-$*#&U %-5 6*#$,0#05 ;8 $,0 01 #3 $%$0 5*2%$' - 0:%#$40-$ *2, 10#0 $,0 0E:02$%$' -+ 6 $,0 #0+*!$+ 6 % 6#'0-5!8 #'7%!#8 ;0$100-'+2, !+ $,%$ $,0 4 +$ +%-.*'-0 %57 2%$0+ 6 $,0 0E2,%-.0 6 +:02'9 40-+ 6 :*:'!+ 1 #3 , :05 ;8 $,'+ 40%-+ $ %!!%8 $,0 ;'$$0# +02$' -%! #'7%!#8 $,0-'0E9 '+$'-. %-5 $ %70#$ $,0 1%# $,%$ 1%+ '49 4'-0-$

$,0 0%#!'0# .#0%$'-$0#-%$' -%! 0E: +'$' -+ 4<% %* '+ $;0 %$$#';*$05 $,0 6'#+$;&02$!0++ -+ %+ $ $,0 : ++';'!'$'0+ 6 %#$ %-5 4%-*%! $#%'-9 '-.< %-5 $ $,0 4 #0 #020-$' $,0 ;&02$'70 504 -+$#%$' -6 -0%#!8 %! :,%+0+ 6 05*2%9 $' -%! '-+$'$*$' -+ 05%. .'2 4*+0*4+ 4<% %*6 %+$, +0 6 Z*#'2, #*++0!+ %#'+'%-5 0#!'-2 -$%'-'-.:0#4%-0-$ 0E, ';'$' -+ 6 +2, ! 1 #3 %#0 ;02 4'-.'#02 .-'G05 %+ -020++%#8 '-% :# .#0++'70 +$%$0 %-5 2'$8 +8+$04 ,0#0 2 *!5 ;0 - .#0%$0# 07'50-20 6 $,0 .# 1$, 6 %-0-!',$0-05 2#'$'2%! +:'#'$ '-05*?

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2 -$#%+$' '+ - $;0$100-' 0E:0#'0-20' %-5' + 409 $,'-.' 0!+0' ,'.,0#' %-5' ;0$$0#' $,%-' 0E:0#'0-20' ;*$' ;0$100-'%' 2#*50' -%## 1?%-5' 402,%-'2%!' 0E:0#'0-20' %-5' %-' '-$0!!'.0-$' 0-#'2,05' %-5' 6#00' #'.# 1'-.' 0E:0#'0-20' (' 00' '*4 % % *

O60#0-20+1' /

$ % ' ' ' (' ' " !%' H -5 -' >)PJF ' (' , /0 (' /'' $ ' '+ !%' H 01' #3' >P>KF ,0' - 1!05.0' E:0#'2-00' %-5' '$+' 0!%$' -+,':+' C 0%' + %' +%! %' .(%' 6' !'' >PKQ' ::' OQN?OQL' ,0' - 1!05.0' E:0#'0-20' .%'-' ,2 %6' ::' LKL?L>>' 0%!'$8'%+' E:0#'0-20',2 %6' !'!!' >PK)' ::' NQJ?NQL

- ! * ' ' . 0 ' ' (' !%' H ,'2%. >PKQ' F ' ' 0 %' H -5 -' >PK>F

- // # ' -' 1 !' /' '+ !%' H -9 5 -' >PKKF # ' ' ' (' /'+ !%' H 01' #3 >PKO' F

+ % ' ' ' ' /' ! (%' H -5 -' >PKJF

W ' / ' 40$,5' 6' %..#0++'70' +2'0-$'6'2' %-%!8+'+' $ ' ;0' 5'+$'-.*'+,05' 6# 4' ;+0#7%$' -' 4<% %'% -' ;+0#7%$' -' $,0'+2'0-$'+$' 1%'$+' 6 # -%$*#0' $ ' :# 5*20' %' :,0- 40- -' %-5' $%30+' %+' 2%#06*!' - $0' %+' : ++';!0' 6' %!!' $,0' 50$%'!+' :#0+0-$05' ,'+' $,0' %+$# - 40# ;9 +0#70+' %-' 02!':+0' 6' $,0' +*-' -' 0E:0#'40-$' $,0' +2'0-$'+$' 5 0+' - $' 1%'$' 6 # -%$*#0' ;*$' ,'4+0!6' :# 5*20+' 20#$%'-' :,0- 40-%' %$' +*2,' $'40' %-5' :!%20' %-5' *-50#' +*2,' 2 -5'$' -+' %+' 1'!!' 6%2'!'$%$0' $,0' %-%!8+'+' 6' $,0' :# 20++' *-50# 0E%4'-%$' -' ,'+' '6' $,0' :,8+'2'+$' 1'+,0+' $ ' +$*58' $,0' 06602$' 6' ,0%$' *: -' 40$%!+' ,0' 5 0+' - $' 1%'$6 # -%$*#0' $ ' 2,%-.0' $,0' $049 :0#%$*#0<' ,0' +0!02$+' % +:02'40-' 6' $,0' 40$%!' %-5' 7%#'0+' '$+' $04:0#%$*#0' %$' 1'!!' ,0' %597%-$%.0' 6' 0E:0#'40-$' '+' $,%$' '$' :0#4'$+' #09 :0%$05' ;+0#7%$' -' *-50# 6%7 #%;!0'2 -5'$' -+' *#$,0#4 #0' +'-20' $,0' 7%#'%$' -+' '-$# 5*205' %#0' *-50# 2 -$# !' $,0' :,0- 40- -' 4%8' ;0' +$*5'05' 50!';0#%$0!8' 6# 4' 4%-8' +'50+' ,'+' $,0' 06602$'@ 6' $04:0#%$*#0' -' 40$%!+' 4%8' ;0' +$*5'05' %$' -0' $'40' %-5' $,0' 06602$' 6' 0!02$#'2' 2*##0-$+' %$' %- $,0#' %$*#%!' :,0- 40-%' %#0' *+*%!!8' 70#8' 2 4:!0E' %-5' -005' $ ' ;0' %-9 %!8G05' E:0#'40-$%!'%-%!8+'+' '+%4*2,'4 #0' %..#0++'70' $8:0' 6' %-%!8+'+' $,%-' %-8' 1,'2,' 2%-' ;0' 2%##'05' *$ 40#0!8' ;8' ;+0#7'-.'-%$*#%!' 6%2$+

4' '$+' 70#8' -%$*#0' 0E:0#'40-$' 4*+$' ;0' #02 .-'G05' %+' %' !%$0' 6 #4' 6'+2'0-$'6'2' 40$,5' ,0-' 4%-' 6'#+$' ;0.%-' $ ' +$*58' -%$*#0' ,0' 1%+' 2 -$0-$ $ ' ;+0#70' $,0' 6%2$+' +' + -' %+' ,0' *-50#+$ 5' + 40' 6' $,0' !%1+' 6' -%$*#0' ,0' ;0.%-' $ ' 4 5'68' -%$*#%!' :# 20++0+'6 #' :#%2$'2%!' :*#: +0+' '$$!0' ;8' !'$$!0' ,0' +%1'$,%$' ,'+' 1-' 4 5'6'2%$' -+' 6' -%$*#0' 6*#-'+,05' 6%7 #%;!0' :: #$*-'$'0+' 6 #' 0E$0-5'-.',' '+' %2U*%'-$%-20' 1'$,' -%$*#%!' :,0- 40-%' #%2$'2%!' 0E:0#'9 40-$%$' -' $,*+' :#020505' +2'0-$'6'2' 0E:0#'9 40-$%$' -' $' 1%+' '-' $,0' :,8+'2%!' 1 #!5' $,%$' 4%-' 6'#+$' :0#6 #405' 0E:0#'40-$+' 6 #' '$ 1%+ '-' $,'+' +:,0#0' $,%$' 4%-' 6'#+$' 2 -$# !!05' 2 -9 5'$' -+' 0-*.,' $ ' 4%30' 0E:0#'40-$%$' -' : +9 +';!0

-.' %6$0#' $,0' :,8+'2%!' +2'0-20+' ,%5' 2 40' $ ' #02 .-'G0' $,0' 7%!*0' 6' 0E:0#'40-$%$' -' $,0' ;' ! .'2%!' +2'0-20+' 2 -$'-*05' $ ' ;0' :*#0!8' ;+0#7%$' -%!' -5005' + ' : 10#6*!' 1%+' $,0' :#0&*5'20' %.%'-+$' %-8' '-$0#60#0-20' 1'$,' -%$*#0' '-' $,0' :,8+' ! .'2%!' 1 #!5' $,%$' $,0' +2'0-20' 6' :,8+' ! .8' 1%+' +! 1' '-' #0%!'G'-.' 070-' $,0' :++';'!'$'0+' 6' ;+0#7%$' -' -' $,0' !%+$' $1 ' 502%50+' , 1070#' 4 #0' $,%-' 070#' ;06 #0' $,0#0' ,%+' .# 1-'*:''-' :,8+' ! .8' %7%+$' ; 58' 6' 0E:0#'40-$%!' 4%$0#'%!' ,0' 06602$+' 6' 6005'-.' 4%-' %-5' %-'4%!+' '-' 7%#' *+' 1%8+' ,%+' ;00-' 70#8' 6*!!8' +$*5'05' ,0' 06602$' 6' !'.,$' %-5' 4 '+$*#0' -' $,0' !'60' 6' :!%-$+' ,%+' ;00-' 1 #305' *$' '-' .#0%$' 50$%'!

+82, ! .8' %-5' $,0' + 2'%!' +2'0-20+' 10#0' 070-' !%$0#' '-' 5070! :40-$ $,%-' 10#0' $,0' ;' 9 ! .'2%!' +2'0-20+' '30' $,0#' ;#%-2,0+' 6' +2'0-20' $,0' :+82, ! .'2%!' %-5' + 2'%!' +2'0-20+' ;0.%-' 1'$,' 40#0' ;+0#7%$' -' $' 6'#+$' -' -0' $, *.,$' 6' 0E:0#'40-$'-.' 1'$,' 40-$%!' :# 920++0+' %-5' 1'$,' + 2'%!' #.%-'G%$' -' ?5%F=' -' $,0' $,0#,%-5' 0E:0#'40-$+' %#0' 6#00!8' :0#9 6 #405' H 00' * ' ' ; # % 5' ,0' 5070! :40-$' 6' 0E:0#'40-$%!' 40$,5+' '-' $,0' +$*58' 6',*4%-'!'60' !05' 70#8' + -' $' $,0' 504%-5' 6 # %' +$*58' 6' 05*2%$' -%!' :# ;!04+' ;8' $,0' +%40' 40$,5' ,'+' 504%-5',%+' #09 ++*!$05''-'%; 58' 6' 40$,5+' %-5' #0+*!$+' 3- 1-' %+' 0E:0#'40-$%!' :05%. .8' &<% %'% ,0#0' ,%+' ;00-' 4*2,'*-+8+$04%$'2' 0E:0#'40-$%$' -''-' $,0' +2, !+' 0%2,0#+' ,%70' 6$0-' %$$04:$05' $ ' '4:# 70' $,0'# 40$,5+' 6' 1 #3' %-5''-' +' 6%#' %+' $,08' 2,%-.05' + 40' 10!!?506'-05' 6%2$ #' 6' $,0' +'$*%$' -' $,08' :0#6 #405' 0E:0#'40-$' *2,'%2,%-.0' 4%8' 70#8' :# :0#!8' ;0' 2 4:%#05' $ ' $,0' :#%2$'2%!' 0E:0#'40-$+' 6' $,0' 0%#!'0+$' :,8+'2'+$+' #%2$'2%!' 0E:0#'40-$+' :#0:%#0' $,0' 1%8' 6 # +8+$04%$'2' +2'0-$'6'2' '-70+$'.%$' -' H 00' ; # % ' % ' 6 # 6*#$,0# 5'+9 2*++' -' 6' $,'+' 4%$$0# F

,0#0' %#0' 20#$%'-' :,%+0+' 6' -%$*#%!' :,0- 490-%1,'2,'%#0' 70#8' 5'66'2*!$' $ ' 2 -$# !'%-5' 1,'2,' 2%-' -070#' ;0' +*;&02$05' $ ' 0E:0#'40-$%!' %59 &*+$40-$' ,*+' .#%7'$8' %!1%8+' 0-$0#+' '-$ ' 070#8' :,8+'2%!' 0E:0#'40-$<' $,0' + 2'%!' 0-7'# -9 40-$' *$+'50' 6' $,0' +2, !' %!1%8+' 0-$0#+' '-$ ' 070#8' 0E:0#'40-$' '-' 05*2%$' -' ,0' -!8' #02 *#+0' ! 6$' $ ' $,0' +2'0-$'+$' '-' $,0+0' 0E$0#-%!' + 2'%!'0-7'# -40-$ 1'!!' -$0#60#0' 1'$,' *# 0E9 :0#'40-$' 10' 2, +0' %!%#.0' -*4;0# 6' 2%+0+' '-' + 40' 6' 1,'2,' $,0' + 2'%!' 0-7'# -40-$ 1'!!' ;0' 6%7 #%;!0' '-' + 40' 6' 1,'2,' '$' 1'!!' ;0' *-96%7 #%;!0' %-5' ;8' 2 4:%#'-.' $,0' #0+*!$+' 6' *# 0E:0#'40-$+' '-' %!!' $,0' 5'660#0-$' 2%+0+

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5*2%$' -%! 0E:0#'40-$%$' -'-' $,0 -%## 10# +0-+0 #060#+' $ ' 2,%-.0+ 4%50 - $+ ' 4*2,' 6 # $,0 +%30 6 '4:# 7'-.' +:02'6'2 %-5 50$%'!05 #0+*!$+ %+ 6 # $,0 +%30 6 $,# 1'-.' !'.,$ -' + 40 05*2%$' -%! :# ;!04 H ,'+ $8:0 '+ 5'+2*++05 4 #0 6*!!8 *-50# ; # % % 5 ,0+0 $1 ' $8:0+ 6 0E:0#'40-$%9 $' - 1070#' '-07'$%;!8 ;!0-5 # +,%50 '-$

!$, *.,' 0E:0#'40-$%!' :05%. .8'6 !! 1+' $,0' !0%5' 6' :+82, ! .8' '-' ; $,' '$+' 40$, 5+' %-5' '$+' #0+*!$+' '$' #0!'0+' %!+' * : -' #0+*!$+' 6' %!!' $,0' +2'0-20+' 1, +0' 6%2$+' ,%70' +'.-'6'2%-20' 6 #' 05*2%$' -' +*2,' %+' %-%$ 48' :,8+' ! .8' %-9 $,# : 40$#8' :%$, ! .8' ! .'2' 0$,'2+' %-5' %0+$,0$'2+' $' ; ## 1+' 6%2$+' 6# 4' %!!' $,0+0' 6'0!5+' ; *$' #0.%#5+' $,04' 6# 4' %-' 0-$'#0!8' 5'69 60#0-$': '-$' 6'7'01< -%40!8'$,%$' 6'05*2%$' -' $'+' $,0#06 #0' %-' '-50:0-50-$'+2'0-20' ,'!0' 0E:0#'40-$%!' :05%. .8'+'50:0-50-$'6 #'$+'6%2$+' $' + 40' 0E$0-$' *: -' %!!' 6' $,0' +2'0-20+' 40-9 $' -05' '$' '+' 2,'06!8' '-50;$05' $' '-70+$'.%$' -+' 6' $,0' :,8+'2%!' %-5' 40-$%!' !'60' 6' $,0' 2,'!5' +*2,' %+' %#0' %66 #505' ;8' 2,'!5' :+82, ! .8' %-5' :,8+' ! .8' %-5' $,0' :%$, ! .8' 6' $,0' 2,'!5' $,*+' ;09 2 40+' $,0' ;&02$' 6' 0E%2$' '-70+$'.%$' -' %-5' :05%. .'2%!' :#'-2':!0+' %-5' 40$, 5+' %#0' 509 2'505' *: -' $,0' ;%+'+' 6' +2'0-$'6'2' ;+0#7%$' -' 6' $,0'# 06602$' *: -' ,'+' $#%'-'-.'%-5' 5070! :9 40-$

E:0#'40-$%!' 40$, 5+' %!1%8+' ,%70' 20#$%'-' %57%-$%.0+' 70#,%:,%G%#5' ;+0#7%$' -' ,08' '-$# 5*20' :#02'+' -' %-5' 506'-'$0-0++' ;02%*+0' $,0' 2-5'$' -+' *-50#' 1,'2,' $,0' :,0- 40-%' 22*#' %#0' 2 -$# !!05' ;8' $,0' '-70+$'.%$ #' ,0' '-70+$'.%$ #' '+' $,0#06 #0' %;!0' $' 7%#8' $,0' 2-5'$' -+' '-'+*2,' % 1%8' %+' $' 4%30' %-' %-%!8+'+' 6' $,0' $#*!8' 2%*+%!' 0!040-$+' #' $,0' +%40' #0%+ -' $,0' #0+*!$+' 6' %-8' '-70+$'.%$ #' %#0' :0-' $' 2-6'#4%$' -' ;8' $,0#' '-70+$'.%$ #+' 1,' 2%-' #0:0%$' $,0' #'.'-%!' 2-5'$' -+' -0' $,0#' %57%-$%.0' $' ;0' .%'-05' 6# 4' 0E:0#'40-$' '+' $,%$' $,0' ;0' ;0-40-%' $' ;0' ;+0#705' 4%8' ;0' 4%50' $' %:'0%#' ;8' $,0' '-70+$'.%$ #' 1'$, *$' $,0' -020++'$8' 6' 1%'$'-.'6 #' $,04' 0+'50+' 0E:0#'9 40-$%!' 40$, 5+' :# :0#' 0E:0#'40-$%!' :05%. .8' 4%30+' 0E$0-+'70' *+0' 6' +$%$'+$'2%!' 40$, 5+' 6' '-70+$'.%$' -' 1,'2,' %!+' $0-5' $' 6#00' '$+' #0+*!$+' 6# 4'$,0' 0### #+' 6' 6%*!$8'505*2$' -+';%+05' *: -' $,0' :*#0!8' U*%!'$%$'70' ;+0#7%$' -' 6' '-5'7'5*%!' 05*2%$ #+' ,0' %:!'2%$' -' 6' 0E:0#'40-$%!' 40$!' 5+' $' $,0' '-70+$'.%$' -' 6' :05%. .'2%!' :# ;!04+' '-7 !70+' $,0' +%40' 3'-5' 6' :# 205*#0' %+' '-' 0E:0#'40-$%!' :+82, ! .8' %-5' %!+' '-97 !70+' $,0' +%40' 5'66'2*!$'0+' $' ,%+' , 1070#' $,0' %5505' 5'66'2*!$8' $,%$' $,0' +*;&02$+' 6' $,0' 0E:0#'40-$' %#0' %!1%8+' 2,'!5#0-' 1,' %#0' !0+' !'30!8' $' ;0' %;!0' $' #0: #$' $,0'# 1-' 0E:0#'90-20+' 2 ##02$!8' %-5' 1,+0' 0E:0#'0-20+' %#0' 4 #0' !'30!8' $' ;0' 4'+'-$0#:#0$05' ,'+' 5'66'92*!$8' , 1070#' '+' ;8' -' 40%-+' '-+*:0#%;!0' %+' 4%8' ;0' +00-' 6# 4' $,0' !%#.' 4%+' 6' '-6 #9 4%$' -' 1,'2,' $,'+' -01' +2'0-20' ,%+' +*::!'05' 4 -.'$,0' 4 +$'4: #$%-$' 6' $,0' 0E:0#'40-$%!' #0+*!$+' %#0' $, +0' 1,'2,' ,%70' ;00-' ;$%'-05' 6# 4' '-70+$'.%$' -+' 6' $,0' -%$*#0' 6' $,0' 2,'!5#' 40-$%!' %-5' :,8+'2%!' 5070! :40-$' %-5' '$+' +$%.0+' '-70+$'.%$' -+' 6' $,0' '-5'7'5*%!' 5'660#9 0-20+' %-5' 40-$%!' 2%:%2'$'0+' 6' 2,'!5#0-' '-9 70+$'.%$' -+' 6' 6%$'.*0' %-5' 02 - 4'2' 40$, 5+' 6' !0%#-'-.' ;0+'50+' +:02'%!' '-70+$'.%$' -+' '-$' $,0' 40$, 5+' %-5' #0+*!$+' 6' $0%2,'-.' 5#%1'-.' 1#'$'-.' %#'$, 40$'2' #0%5'-.' 0$2' ' '

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/ ' $, 0 0E , ' ; '$+ ' $, 0 ' % 4 *+0 4 0 - $+ ' %- 5 ' $, 0 ' 05*9 2%$' -%!' 2 - .#0++0+' / ' , %70 ' $, 0 '# #0+: 02$'70 ' 2 *-$0#: %#$+' '-' %!!' 6 ' $, 0 ' %-2'0-$ ' 6%'#+' 6 ' *# : 0 ' %-5 ' +'% ' , 0 ' 4%#30$ ' 6%'#+' 6 ' $, 0 ' '55!0 ' .0+' 10#0 ' % 2 -$'-*%$' -' 6 ' $, 0 ' +%4 0 ' '50%' %-5 ' 10#0 ' *+*%!!8 ' , 0 !5 ' *-50# $, 0 ' 1%##%-$ ' 6 ' $, 0 ' ! #5+' +: '#'$*%!' #! #5+' $0 4 : #%!' $ ' 1 , 4 ' % !%#. 0 # 8%!$8 ' 1%+' : %'5' 6 #' $, 0 '# : # 02' -' %-5 ' +*: : #$ ' 4 0 ' 6 ' $, 0+0 ' 6%'#+' ; 02%4 0 ' 6%4 *+' 6 #' $, 0 '# 0E$0-$' %-5 ' : %$# -%.0 ' +*2 , ' %+' 0%*2%'#0 ' %-5 ' $ ' 0-'+' '-' #%-20 ' 0 ' : G' . ' '-' 0#4%-8 ' *$, 1%#3 ' '-' -.!%-5 ' *#51%#' '-' -5'%' %-5 ' '&-'? 7. # 5 ' '-' *++'% , 0 ' 5070! : 40-$ ' 6 ' $, 0 ' 4 50#-' 0E: +'$' -' , %+' .0-0#%!!8 ' ; 00-' %$#'; *$05 ' $ ' $, 0 ' .0-'*+' 6 ' %: !0 -' 1 , ' 0-2 *#%.05 ' $, 0 '# 6#0U*0-$, !59 '-.' '-' %#'+' 6 #' $, 0 ' +%!0 ' 6 ' #0-2 , ' '-5*+$#'%!' %-5 ' %#$ 4%-*6%2$*#0+' ' -%$' -' , %+' , 0!5 ' + ' 4%-8 ' 6%'#+' 6 ' -%$' -%!' %-5 ' '-$0#-%$' -%!' +2 : 0 ' %+' #%-20 ' , 0 ' 6'#+$ ' -$0#-%$' -%!' 0E , ' ; '$' -' : # : 0#' 1%+' , 0!5 ' '-' -5 -' '-' >)Q>' %-5 ' '+' + ' 50- 4 '-%$05 ' ; 02%*+0 ' 6 ' $, 0 ' 66'2'%!' '-7'$%$' -' 6# 4 ' $, 0 ' . 70#-40-$ ' $ ' %!' 2'7'!'G05 ' 2 *-$#'0+' $ ' : %#$'2' : %$0 ' %-5 ' ; 02%*+0 ' 6 ' $, 0 ' 0E , ' ; '$+' 2 70#' -.' 070#8 ' : , %+0 ' 6 ' , *4%-' 0-50%7 #' '. , $ ' $, 0#+' , %70 ' ; 00-' , 0!5 ' +'-20 ' $, %$ ' $ '40 ' / ' 6 *#'-' %#'+' '-' >)OL ' >)L) ' >))P ' %-5 ' >PKK ' -0 ' '-' '0-%' -' >)LJ ' %-5 ' $, #00 ' '-' $, 0 ' -'$05 ' $%$0+' , '!%50!: , '% ' >)LO ' , '2%. 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' $ ' $, 0 ' 6'#+$ ' -$0#-%$' -%!' 0E: +'$' -' '-' -5 -' '-' >)Q>' 05*2%$' -' 1%+' - $ ' #02 .-'G05 ' '-' $, 0 ' 66'2'%!' 2!%++'6'2%$' -' %-5 ' , %5 ' - ' 50: %#$40-$ %++'.-05 ' $ ' '$ ' , 0#0 ' 10#0 ' + 40 ' 0E, ' ; '$+' '-+$%!!05 ' *-50# $, 0 ' , 0%5 ' 6 ' R ' '7'!' -.'-00#9 '-. S ' %-5 ' $, 0#+' *-50# $, 0 ' , 0%5 ' 6 ' R ' #$ S ' 1 , '2 , ' 2 *!5 ' ; 0 ' $0#4 05 ' 05*2%$' -%!' ; *$ $, 08 ' 10#0 ' %22'50-$%!' #%$, 0# $, %-' : #0 4 05 '$%$05 $ ' '+' -$0#0+$'-.' $ ' $#%20 ' $, 0 ' '-$# 5*2$' -' %-5 ' 5070! : 40-$ ' 6 ' 05*2%$' -' '-' 0E: +'$' -' 2!%++'6'2%$' -+' %+' '$ ' '+' 2 '-2'50-$ 1 '$, ' $, 0 ' #02 .9 -'$' -' 6 ' 05*2%$' -' %+' % 6*-5%40-$%!' +2'0-20 ' %-5 ' $, 0 ' ; %+'+' 6 ' %!!' $, 0# %#$+' %-5 ' +2'0-20+' , 0 ' 2 4 : !0$0!8 ' #.%-'G05 ' 0E: +'$' -' 6 ' %#'+' '-' >)OL ' 1%+' $, 0 ' 6'#+$ ' : .'70 ' 05*2%$' -' % 506'9 -'$0 ' %++'.-40-$ ' '-' $, 0 ' 0E: +'$' -' $ ' 1%+' +: 30-' 6 ' '-' $, 0 ' 66'2'%!' #0: #$ %+' R ' &*5'2' *+' '-- 7%$' -' '-$# 5*205 ' ; 8 ' $, 0 ' 4 : 0#'%!' 49 4 '++' - S ' # *: ' >K ' *-50# 1 , '2 , ' $, 0 ' 05*2%9 $' -%!' 0E , ' ; '$+' 10#0 ' '-+$%!!05 ' , %5 ' $, 0 ' 70#8 ' : 02*!'%# 50+'.-%$' -' 6 ' R ' %#$'2!0+' 0E , ' ; '$05 ' 1 '$, ' $, 0 ' +: 02'%!' ; &02$ ' 6 ' 4 : # 7'-.' $, 0 ' : , 8+'2%!' %-5 ' 4 #%!' 2 -5'$' -' 6 ' $, 0 ' : 0 : !0 S ' , !%-8 ' 6 ' $, 0 ' 0E , ' ; '$+' 4%50 ' *-50# $, '+' , 0%5'-.' 1 *!5 ' ; 0 ' 2!%++05 ' *-50# + 2'%!' 02 - 48 ' %$ ' $, 0 ' : #0+0-$ ' $'40 ' # *-50# +%-'$%#8 ' 0-.'-00#'-. ' , 0 ' 0E9 , ' ; '$+' 4%50 ' ; 8 ' $, 0 ' +2, !+' %$ ' $, '+' 0E: +'$' -' 10#0 ' 50+*!$ #8 ' %-5 ' +2%$$0#05 ' %-5 ' +, 1 ' -' +'.-+' 6 ' %! .'2%!' # #50#!8 ' %##%-.040-$' $ ' +2*#'*+' $ ' - $0 ' $, %$ ' $, 0 ' + !0 ' 0-$#8 ' 6# 4 ' $, 0 ' -'$05 ' $%$0+' *-50# $, '+' , 0%5'-.' 1%+' R ' +: 02'40-' 6 ' % 0+$0#-' : #'4%#8 ' +2, !' %-5 ' +2, !' 6*#-'$*#0 S ' 4%50 ' ; 8 ' $, 0 ' +$%$0 ' 6 ' !!'-'+' , 0 ' $%!'%-' %-5 ' #0-2 , ' %#$ +2, !+' 4%50 ' $, 0 ' -!8 ' - $%; !0 ' 0E , ' ; '$ '-' $, 0 ' 05*2%$' -%!' 6'0!5 ' %$ ' $, '+' 0E , ' ; '$' - $ ' $, 0 ' 0--%0E: +'$' -' 6 ' >)LJ ' $, 0 ' 66'2'%!' 2!%++'6'2%$' -' *-50# # *: ' NO ' : # 7'505 ' 6 # R ' 5*2%$' -' 0%2 , '-.' %-5 ' -+$#*2$' - S ' , 0 ' 6'#+$! .'2%!' +*; 5'7'+' -' *-50# $, '+' .0-0#%!' , 0%5 ' 1%+' %!+' 4%50 ' %$ $, '+' 0E: +'$' -' %-5 ' 6 *# 2!%++0+' 10#0 ' : # 7'505 ' 6 # 0!040-$%#8 ' -+$#*29 $' -' 4'55!0 ' '-+$#*2$' -' : # 60++' -%!' %-5 ' $02 , -'2%!' 2 !!0.0+' %-5 ' *-'70#+'$'0+' $ ' '+' : !0%+' -.' $ ' - $0 ' $, %$ ' $, 0 ' -'$05 ' $%$0+' 2 49 4 '++' -0# $ ' $, 0 ' '0--%0E: +'$' -' 4%50 ' + 40 ' 066 #$ ' +02*#0 ' % 70#8 ' 2 4 : !0$0 ' +0$ ' 6 ' 05*2%9 $' -' #0: #$+' %-5 ' + 40 ' 4%: +' %-5 ' +$%$'+$'2+' , # *. , ' , '+' 066 #$+' $, '#$8?$, #00 ' +$%$0+' %-5 ' $, '#$8?+070-' 2'$'0+' %-5 ' $ 1-+' 2 -$#'; *$05 ' 7%#' *+' 4%$0#'%!' , 0 ' 2'$8 ' 6 ' +$ -' 4%50 ' $, 0 ' !%#.0+$' %-5 ' 4 +$ ' 2 4 : !0$0 ' 0E , ' ; '$ '-' $, 0 ' -'$05 ' $%$0+' +02$' -' %-5 ' 1 -' 4%-8 ' %1%#5+' 6 #' $+' 5#%1'-.' %-5 ' 1#'$$0-' 1 #3 ' , 0#0 ' 1%+' % 4 #0 ' .0-0#%!' : %#$'2' : %$' -' ; 8 ' -%$' -+' '-' $, 0 ' 05*2%$' -%!' 50 : %#$40-$' %$ $, '+' 0E: +'$' -' $, %-' , %5 ' 22*##05 ' ; 06 #0 ' , '!0 ' $, 0 ' 0E , ' ; '$+' 10#0 ' .# *: 05 ' *-50# $, 0 ' 6 *# .0-0#%!' , 0%5+' .'70-' %; 70 ' $, 08 ' 10#0 ' '-2 4 : !0$0 ' %-5 ' +2%$$0#05 ' '-' 2 , %#%2$0#

, 0 ' 0-$0--'%!' E: +'$' -' %$ ' , '!%50!: , '% '-' >)LO ' 4'++05 ' $, 0 ' : : #$*-'$8 ' 6 ' 4 : # 7'-.' *: -' $, 0 ' '0--%2!%++'6'2%$' -' %-5 ' %#0$# .#%50

4 70 4 0 -$ '+ - $'20%;!0 5*2%$' - 1%+ #029 .-'G05 %+ 0 :%#$ 4 0 -$,#00 * -50# $,0 $'$!0 6 R 5*2%$' - %-5 2'0-20 S %-5 +00 4 + $,%70 ;00- % #%$,0# , :0!0++ 4 'E$*#0 6 05*9 2%$' - %-5 $,0 !';0#%! %#$+ - +:'$0 6 $,'+ , 1070# $,0 0E,';'$+ 10#0 4 #0 ! .'2%! %-5 6 4 #0 .0-0#%!''-$0#0+$ $,%-''-%-8 0E: +'$' - $,0#0$ 6 #0 ,08 10#0 '-+$%!!05 '- $,0 .%!9 !0#8 6 $,0 4%'- ;*'!5'-. 6 $,0 0E: +'$' - 10#0 0E$0-+'70 -'- 2,%#%2$0# %-5 1,!0 $,0#0 1%+ - 2%#0 $%30- 6 # ! .'2%! %##%-.040-$ $,0#0 10#0 4%-8'-+$#*2$'70 !0++ -+$;0 5#%1- 6# 4 $,0 4%$0#'%! +, 1- ,0 1 -50#6*! 0E,';'$ 6 5#%1'-. 6 $,0 +$ - +2, !+ %-5 '$+ 0660 2$ *: - $,0 +2, !+ 6 $,0 2 *-$#8 '+ ,'+$ #'2 %-5 1'!! ;0 $#0%$05 *-50# %- $,0# ,0%5 ,0 6 #0'. - 0E,';'$+ %$ $,'+ 0E: +'$' - 10#0 %!+ - $'20%;!0 :%#$'2*!%#!8 $,0 105'+, +! 85 %-5 $,0 #0-2, %-5 $%!'%- %#$ +2, !+ 5*2%$' - ,%5 1 ;02 40 %#02 .-'G05 6%29 $ # '- %!! '-$0#-%$' -%! 0E: +'$' -+ %-5 '- $,0 %#'+ 0E: +'$' -+ 6 >)L) %-5 >))P # *: -0 1%+ %++'.-05 $ %#$ %-5 # *: 1 $ 05*2%9 $' - $; $,0+0 0E: +'$' -+ $,0 %: :!'2%9 $' - %-5 :# 20++0+ 6 $,0 !';0#%! %#$+ 10#0 '-9 2!*505 '- $,0 .# *: ;*$ % +0:%#%$0 2!%++ 1%+ 4%50 6 # 0%2, 6 $,0 $,#00 4%'- 5'7'+' -+ 6 05*2%$' - -%4 0!8 :#'4%#8 '-+$#*2$' - +029 -5%#8 '-+$#*2$' - %-5 +*:0#' # '-+$#*2$' - $!'0+ ,%#5!8 1'$,'- $,0 +2 :0 6 $,'+ %#$'2!0 $ 5'+2*++ $,0 -%$*#0 6 $,0 0E,';'$+ %$ $,0+0 $1 0E: +'$' -+ :%20 '- $,0 .%!!0#'0+ 6 $,0 ;*'!5'-.+ +*## *-5'-. $,0 ,%4:50 %#+ 1%+ %++'.-05 6 #$,0 '-+$%!!%$' - 6 $,0 4%$0#'%! %-5 $,0#0 1%+ % 70#8 0E$0-+'70 :%#$'2': %$' - $,0 :%#$ 6 ; $,' #%-20 %-5 $,0 6 #0'.- -%$' -+ 4'., $;0 +*: :+05 $,0 0E,';'$' - 6 >))P 1%+ $,0 4 #0 2 4 :!0$0 %-5 '-$0#0+$9 '-.%!$, *., $,0 2!%++'6'2%$' - 1%+ 0E%2$!8 $,0 +%40 %$; $,' 0E: +'$' -+ '+$ #'2%!!8 $,0 0E: +'$' - 6 >)L) 1%+ 6 .#0%$0# '-$0#0+$ '-%+4*2, %+ $,0 5'++%$'+6%2$' - 1'$,' $,0 0E,';'$ 6 $,0 #0-2, +2, !+ '- %55'$' - $ %::0%!+ 6# 4 2,%4;0#+ 6 2 4 40#20 %-5 !%#.0 4%-*6%2$*#0+ - $,0 502!-0 6 $02,-'2%! +3'!! ;# *.,$ %; *$ % +0#' *+ 2 -+'50#%$' - 6 $,0 +*;&02$;8 $,0 #0-2, . 70#-40-$ %-5 !05 $ $10-$8 80%#+ 6 %.'$%$' - %-5 +$%$*$ #8 0-%2$9 40-$+ 1,'2, 2*!4'-%$05 '- $,0 0+$%;!'+, 40-$ 6 $,0 10!! 3- 1- +2, !+ 6 2 4 40#20 %-5 '-5*+$#8 *-50# $,0 +*:0#7'+' - 6 $,0 #0-2, '-'+$#8 6 4 40#20 , 0 :%#$'2': %$' - 6 $,0 - '$05 $%$0+ '-; $, 6 $,0+0 0E,';'$+ 1%+ 0E$0-+'70 + 6%# %+ U*%-$'$8 6 4%$0#'%! 1%+ 2 -20#-05 ;*$ - %$$0 4 :$ 1%+ 4%50 $ +, 1'$, # *., !8 *# +8+$0 4 ' 6 05*2%$' - - 0E,';'$ 6 6#00,%-5 5#%1'-.'6# 4 $,0 +2, !+ 6 +$ - 1%+ %.%'- $,0 2,'06 60%$*#0 6 $,0 -'$05 $%$0+ 0E,';'$ %$ $,0+0 0E: +'$' -+ - 6%2$ -'-0 $0-$,+ 6 $,0 0-$'#0 05*2%$' -%! 0E,';'$+ %$ 0E: +'$' -+ 10#0 *:' $ $,'+ $'40 5#%1'-.'%-5 %#$ 1 #3 ,0 +$%$'+$'2%! 2,%#$ 6'#+$;0.%-' $:!%8 %-' '4: #$%-$:%#$ '- >))P $ $,0 #!5⇩+ !*4;'%- E: +'$' - %$,'2%. '- >)PJ 05*2%$' - 1%+ #0!0.%$05 $ % 4'- #: +'$' -%-5 4%50 %.# *:* -50# ';0#%! #$+ 405'2%! %::%#%$*+ :#0205'-.' '$' %-5 :#'-$'-.' %-5 :*;!'+,'-.' 6 !! 1'-.' '$' (*5.05 %+ % 2!%++'6'2%$' - '$ 1%+ '-60#' # $ 0'$,0# 6 $,0 :#0205'-.' %#'+ 0E: +'$' -+ - +:'$0 6 $,'+ !%23 6 66'2'%! #02 .-'$' - ,0 '-+$%!!%9 $' - 1%+ +*:0#' # $ $,%$ 6 %-8 0E,';'$;06 #0 4%50 %-5 %!$, *., $,0 +:%20 %++'.-05 1%+ '- $,0 .%!!0#8 6 $,0 !';0#%! %#$+ ;*'!5'-. '$ 1%+ %4:!0 # $,0 6'#+$ $'40 %-5 %$$04 :$ 1%+ 4%50 ;8 $,0 7%#' *+ +$%$0+ $ +, 1 ;8 % .#%505 %-5 2 -$'-* *+ +0#'0+ 6 1 #3 $,0 2 49 :!0$0 :*;!'2 +2, !+8+$04 ,0 6 #0'.- :%#9 $'2':%$' - 1%+ - $ %+ .0-0#%!''-$,'+ 0E: +'$' - %+ '$ +, *!5',%70 ;00-';*$ $,0 0#4%-05*2%9 $' -%! 0E,';'$ 1%+ :%#$'2*!%#!8 - $%;!0 6 #'$+ 0E20!!0-20 0+:02'%!8 '- ,'.,0# 05*2%$' -< $,0 #0-2, 0E,';'$ 1%+ %!+ $, *., %-5 '-$0#9 0+$'-.

$ #04%'-05 6 # $,0 #0-2, %$ $,0 %#'+ 0E: +'$' - 6 >PKK $ 4%30 $,0 6'#+$:# :0# 66'2'%! #02 .-'$' - 6 05*2%$' - '-$,0 2!%++'9 6'2%$' - %-5 $.'70 %+2'0-$'6'2 5070! :40-$ $ $,0 +*;&00$ # $,0 6'#+$ $'40 05*2%$' - 1%+ 4%50 # *:' -0 '-$,0 0E,';'$ 2!%++'6'2%9 $' - 6 # $,0 #0%+ - %+ +$%$05 ;8 !6#05 '2%#5 $,0 '#02$ #? 0-0#%! $,%$ 05*2%9 $' - 1%+ #02 .-'G05 %+ $,0 + *#20 6 %!! :# .#0++%-5 $,0 ;%+'+ 6 %!! ,*4%-'0-50%7 #' ';0#%! %#$+ 1%+ 5'7 #205 6# 4 05*2%$' - 6 # $,0 6'#+$ $'40 %-5 +'E 2!%++0+ 10#0 0+$%;!'+, 05 *-50# $,0 05*2%$' -%! .# *:< H F :#'4%#8 05*2%$' - HNF +02 -5%#8 05*2%$' - HJF ,'.,0# 05*2%$' - HMF %#$ 05*2%$' - HQF %.#'2'!$*#%! 05*2%$' - H F +:02'%! '-5*+$#'%! %-5 2 4 40#9 2'%! 05*2%$' - -6 #$*-%$0!8 $,0 +:%20 %+9 +'.-05 $ $,0 05*2%$' -%! .# *:' '-$,0 .%!!0#'0+ 6 $,0 ;*'!5'-.+ -$ $,0 10+$ +'50 6 $,0 ,%4:+ 50 %#+ 1%+ '-%50U*%$0 %-5 4%-8 0E,';'$+ 10#0 '-+$%!!05 '- $,0# :%#$+ 6 $,0 .# *-5+ ,0 :%#$'2':%$' - -$ $,0 :%#$ 6 $,0# -%$' -+ 1%+ 70#8 2 4 :!0$0 %-5 $,0 -'$05 $%$0+ (%:%- *++'% -.!%-5 %-5 *-.%#8 4%50 :%#$'2*!%#!8 0E$0-+'70 %-5 $, # *., 0E,';'$+ ,0 0# 4%- 0 $ 4%-0E: +'$' - 1%+ %!4 +$ 0-$'#0!8 2 -6'-05 $ %::%#%$*+ 2 -9 -02$05 1'$,$,0 *-'70#+'$8 %-5 $02,-'2%! 05*2%9 $' - $ $ +'- $0 $,%$ -.!%-5 6 # $,0 6'#+$ $'40 4%50 %-0E,';'$ '-$,0 05*2%9 $' -%! +02$' - 6 %- '-$0#-%$' -%! 0E: +'$' - ,0 -'$05 $%$0+ 0E,';'$ %$ $,0 %#'+ 0E: +'$' - 1%+ 5'+$'-2$'70!8 -%$' -%! '- '$+ 2, %#%2$0# ,0 ;0+$ 1 #3 %-5 $,0 4 +$ '49 :# 705 40$, 5+ '- 0%2, 6 $,0 2!%++0+ *-50# $,0 05*2%$' - .# *:' 10#0 5'+:!%805 '##0+:02$'70 6 + *#20 ,0 0E,';'$ 6 $,0 2 !!0.0 %-5 $,0 *-'70#+'$'0+ 1%+ ;%+05 - $,0 +%40 :#'-2':!0 ,0 0E,';'$ 1%+ %##%-.05 %22 #5'-. $ $,0 50:%#$40-$+ 6 *-'70#+'$8 '-+$#*2$' - %-5 %-8 2 !!0.0 # *-'70#+'$8 4'., $ 2 -$#';*$0 4%$0#'%! $ %-8 -0 # 4 #0 6 $,0 50:%#$40-$+ ,0 0E,';'$ 1%+ 70#8 2 4:!0$0 '-'!!*+$#%$'-. ;8 4%:+ 2,%#$+ :, $.#%:,+ %-5 1#'$$0-4%$0#'%! $,0 1 #3 6 070#8 .#%50 %-5 50:%#$9 40-$ 6# 4 $,0 3'-50#.%#$0-$ $ $,0 -'70#+'$8<

%-5 1,'!0 !%23 6 +:%20 1%+ :0#,%:+ $,0 2 49 :0!!'-.' 4 $'70 6 # $,'+ %##%-.040-$'$ $*#-05 *$ $ ';0 ;8 6%## $,0 ;0+$ %###%-.040-$ 6# 4 $,0 -%$' -%!' +$%-5: '-$' $:#070-$05 $,0 5*:!'9 2%$' - 1,'2,' 1 *!5 -020++%#'!8 %#'+0 ;8 #02 .9 -'G'-.' +$%$0 %-5 2'$8 0E,';'$+ %-5 .%70 % 2 -2'+0 ! .'2%!' 7'01 6 $,0 0-$'#0 05*2%$' -%!' +8+$04 $ $ 504 -+$#%$05 %!+ $,0 6%2$ $,%$ %!$, *.,' $,0#0 10#0 %$ $,%$ $'40 6 #$8?6'70 +$%$0+ 0%2,'1'$,' % +*:: +05!8 +0:%#%$0 05*2%9 $' -%!' +8+$04 6 '$+ 1-$,08 10#0 %!!' -'?%2$ $,0 +%40 1'$,' - 4 #0 7%#'%$' - $,%-! 2%! 2 ! # # :#0&*5'20 4'.,$ %66 #5 ,'+ '+ %$$#';*$%;!0 $ $,0 '-6!*0-20 6 $,0 -'$05 $%$0+ *#0%*' 6 5*2%$' - 1,'2,' *-50# $,0 !0%5 6'$+ 44'++' -0# # '!!'%4 %##'+ ,%5'6 # 80%#+ +0#705 %+ %&*5'2' *+ %-5 #0+:02$05 %57'+0# $ +2, ! +*:0#'-$0-50-$+ $,# *., *$ $,0 2 *-$#8 %-5 $ $,0 '-6!*0-20 6 $,0 %9 $' -%! 5*2%$' - ++ 2'%$' - &<% %'6 1,'2,' $,# *.,' $+ %--*%! 400$'-.+ ,%5 +0#705 %+ % 2!0%#'-.' , *+0 6 # 05*2%$' -%!' '50%+ %-5 ;# *.,$ '-$ 2! +0 %-5 ,%#4 -' *+ #0!%$' -+ $,0 05*2%$' -%!' !0%50#+ 6# 4 070#8 :%#$ 6 $,0 2 *-$#8

,'+ 0E: +'$' - %!+ ;# *.,$ *$ $,0 #%5'2%! 5'660#0-20 ;0$100-$,0 +2, !+ 6 $,0 -'$05 $%$0+ %-5 $, +0 6 #%-20 %-5 $,0# -%$' -+ *-50# '$+ +:,0#0 6 '-6!*0-20 $ 04:,%+'G05 $,0 7'$%! :# ;!04+ 6 05*2%$' -%!' !'60 ;8 :!%2'-.' +'50 ;8 +'50 '-2 -$#%+$ $,0 4%-8 +8+$04+ 07 !705 6# 4 $,0 7%#' *+ #0!%$' -+ 6 $,0 . 790#-'-.' %-5 $,0 . 70#-05 ,0 U*0+$' - 4 +$ .0-0#%!' '-'$+ %:: !'2%$' - %-5 4 +$ 5'70#+0!8 #0:#0+0-$05 %$ $,0 0E: +'$' - 1%+ $ 1,%$ 0E$0-$ $,0 + 2'%!' %-5 '-5*+$#'%!' 5070! :40-$ 6 %-%$' - 1%###%-$+ +:02'%!'G05 $#%'-'-.' %$:*;!'2 0E:0-+0 '-0!040-$%#8 +2, !+ $ '+ '-$0#0$'-.' $ - $0 $,%$ 6*-5+ 10#0 #%'+05 ;8 $,0 2'$8 6 %-2,0+$0# -.!%-5 1'$,' 1,'2,' $,0 0-$'#0 -'$05 $%$0+ 0E,';'$ 1%+ $#%-+: #$05 $ %-2,0+$0# %$ $,0 2! +0 6 $,0 0E: +'$' - %-5 $,0#0 #04%'-05 :0-' $,0 :*;!'2 6# 4 (%-*%#8 $ %#2,' >PK> $ $,0 $' *'+ 0E: +'$' - 6 >PKM 05*2%9 $' -#020'705 '$+ ,'.,0+$ #02 .-'$' -''-0E: +'9 $' -:#%2$'20 ,0 0-$'#0 $' *'+ 2!%++'6'2%9 $' - 1%+ 2 -+$#*2$05 ;8 40-1,',5 ;00-$#%'-05 '-$,0 ,'2%. %-5 %#'+ 0E: +'$' -+ %-5 1%+ #07'+05 ;8 0E:0#$+ '-070#8 ;#%-2,' 6 %#$%-5'-5*+$#8 %-5 ,%+ +'-20 +$ 5 %+ %4 50! 6 # 070#8 0E: +'$' - ,0!5 5*2%$' - 1%+ 4%50 # *:-0 6 $,0 2!%++'6'2%$' - -$,0 :#'-2':!0 0-*-2'%$05 6 # $,0 %#'+ 0E: +'$' - 6 >PKK %-5 1%+ :02*!'%#!8 %:: :# :#'%$0'-%+9 4*2,' %+ $,0 '50% *-50#!8'-.' $,0 0-$'#0 $' *'+ 0E: +'$' - 1%+ 05*2%$' -%!' - %55'9 $' -$ ' $,0 %#'+ 0E: +'$' -' 2!%++'6'2%$' - 1 '.# *:+ 10#0 %5505 -%40!8 R 5*2%$' - 6 50602$'70+ S 1,'2,' ,%5 $,0#0$ 6 #0 ;00-' -9 2!*505 *-50# 2,%#'$'0+ %-5 R +:02'%!' 6 #4+ 6 05*2%$' - S '-2!*5'-.' +*4 40# +2, !+ 0E$0-9 +' -'2 *#+0+ 0$2 ,0 2!%++'6'2%$' -#0%5 R 09 :%#$40-$ / # *:-0 0!040-$%#8 05*9 2%$' - # *:1 +02 -5%#8 05*2%$' -

*:,#00',.,0#05*2%$' - # *: *#'+:09 2'%!' 05*2%$' -'-6'-0 %#$+ # *: '70+:02'%! 05*2%$' -'-%.#'2*!$*#0 # *: 'E +:02'%! 05*2%$' -''-2 4 40#20 %-5 '-5*+$#8 # *: 070-05*2%$' - 6 50602$'70+ # *: '.,$' +:02'%!' 6 #4+ 6 05*2%$' - S

,0 2# 1-'-.' #02 .-'$' -'.'70-' $ 05*2%9 $' -'%$',+ 0E: +'$' -'1%+',0 %++'.-40-$ 6 % +0:%#%$0 ;*'!5'-.' 2 70#'-.' 6'70 %2#0+ 6 .# *-5 '-',0 70#8 ,0%#$ 6 $,0 0E: +'$' - 6 # $,0 *+0 6 $,0 50:%#$40-$,'+ 4%#305 %-5 0#% '-',0 5070! :40-$ 6 05*2%$' -'%$ 0E: +'$' -+ %-5 :0#4'$$05 % +$#'2$!8 2!%++'6'05 %##%-.040-$ 6 %!' 4%$0#'%!' 0E,';'$05 '-5 %22 #5%-20 1'$,',0 $,0 #8 6 $,0 2!%++'6'2%$' - %; 70 40-$' -05 ,0 :%#$'2':%$' -1%+ 70#8 $, # *.,' -0%#!8 %!' 6 $,0 +$%$0+ 6 $,0 -' -' :%#$'2':%$'-.' %-5 %!' 6 $,0 !0%5'-.' 2 !!0.0+ *-'70#+'$'0+ %-5 $02,-'2%!' +2, !+ !! 1'-.' *$ $,0 '50% 1,'2,' *-50#!%8 $,0 0E: +'$' - %+ % 1, !0 %-0E,';'$ 6 :# 20++0+ 1%+ '-+$%!!05 1'$,' +*220++ 6 #$,0 6'#+$ $'40 %$ %-' '-$0#-%$' -%!' 0E: +'$' - ,0 +2, !+ 6 $ *'+ 4%'-$%'-05 5%'!8 2!%++0+ '-3'-50#.%#$0-5 40+$'2 +2'0-20 %-5 '-5*+$#'%!' $#%'-'-. !%++0+ 6 # $,0 50%6 %-5 5*4;' 10#0 '-%2$*%!' :0#%$' -$,# *., *$ $,0 0E: +'$' -+0%+ -%-5 %;*+'-0++ +2, !2 *#+0 1%+ %!+ +220++6*!!8 4%'-$%'-05 ,0 %.#'9 2*!$*#%!' %-5 402,%-'2%!' 2 !!0.0+ 6 $,0 -'$05 $%$0+ '-$,0'# #04%#3%;!0 2 !!02$'70 0E,';'$ 2%##'05 -#0.*!%# !%; #%$ #8 0E:0#'40-$+ $,# *., *$ $,0 +0%+ -' $,0# '!!*+$#%$'70 1 #3 '-4*+'2 %#$ %-5 $,0# +*;&02$+ 1%+ .'70-6# 4 $'40 $ $'40 '-+:02'%!' !02$*#0 ,%!!+ # #02'$%$' -# 4+ $,0# %2$'7'$'0+ 6 $,0 +2, !# 2 !!0.0 2!%++# 4 10#0 :# 5*205 5*#'-.'$,0 0E: +'$' -:0#' 5

,0 6 #0'.-' -%$' -+ 1,'2,' 4%50 $,0 4 +$ 0E$0-+'70 0E,';'$ %$ $ *'+ 10#0 -.!%-5 #%-20 0#4%-8 $%!8 1050-0!.'*4 (%:%-,'-% 0E'2 *;% #%G'!' #.0-$'-% 0E$0-505 40-$' -2%-;0 4%50'-$,'+:%20 6 $,0+0 0E,';'$+ ;*$ $,08 10#0 %!' '-%22 #5 1'$,' $,0 $,0 #8 6 $,0 0E,';'$ 0#,%:+ $,0 4 +$ -$'20%;!0 1%+ $,0 1 -50#6*!' $02,-'2%!' 0E,';'$ 6 $,0 0#4%-' *-'70#+'$'0+ ,0 6'#+$ 0E,';'$' - 6 ,'-0+0 05*2%$' -%!' 1 #3 070# 4%50 %$ %-' 0E: +'$' - 1%+ '-$0#0+$'-.' '-' '$+ 2 4:%#'+ - 6 $,0 !5' 05*2%$' - 1'$,' $,0 4 50#-' -$# 5*205 ;8 6 #0'.-' %*+:'20+ '-' +0%: #$ 2'$'0+ ,#00 $,'-.+' 6 # 1,'2,' $,0 $ *'+ 0E,';'$ +%-5+ :#004'-0-$' %#0 '$+ +2'0-$'6'2 2!%++'6'2%$' - $,0 :# 7'+' - 6 %+0:%#%$0 ;*'!5'-.' 6 # 05*2%$' - %-5 $,0 +*29 20+ 6 $,0 R 1 #3'-.' 0E,';'$+ S

40-$' -'+ 4%50 '-$,'+ +30$2,' 6 $,0 4%-8 05*2%$' - 0E,';'$+ 4%50 %$ -%$' -%!' 0E: +'$' -+'+*2,'%+ %+,7'!!0 4%,%' ,%#!0+9 $ - *66%! #$!%-5 %-5 0%$$!0' -' $,'+ 2 *-$#8 %-5 #*++0!+ -$10#: -5 -%-5 $,0# :!%20+ %;# %5 '-%+4*2,'%+ $,08 10#0 +'4:!8 #0:!'2%+ - %6 4*2,' #05*205 +2%!0 6 0E,';'$+ 4%50 '-' '-$0#-%$' -%!' 0E: +'$' -+ (00 ; ! #*','

0&0#0-20+ / $ % " " 0(2 + / >)L) " # * # 1 ! / @ 0 2 # H , '2%. >)PJ F # @ 5 / 6 _U [_6 (6 _U b + (/ - 0((6 >)PP >PK> >PKM >PKQ " / %# E: +'$ - >)PJ >PKK >PKM A o # ' 1 % -5 ! * 1 # O 6 D U=_U[D% 00 %!+ 66'2'%! 2%$%! .*0+%-5 #0: #$+ 6 2 4 4'++' -+ $,0 %#'+ E: +'$ -+ >)OL >)L) >PKK '0--% E: +'$' - >)PJ ,'!%50!:,'% -$0#-%$' -%! E,'9 ;'$' - >)LO ,'2%. #!5 + !*4;'%- E: +'$' - >)PJ *'+'%-% *#2,%+0 E: +'$' - >PKM

W 00 #% ; *@

W (/ , +0 +*;9 &02$+ 1,'2, 2%!! 6 # % !%#.0 %4 *-$ 6 +0!6? 0E:#0++' - # %2$' - & % 4%-*%! $#%'-'-. 4*+'2 5#%1'-. 0$2 F ,08 %#0 5'+$'-.*'+,05 6# 4 $,0 6 #4%! & % #0%5'-. 1#'$'-. %#'$,9 40$'2 0$2 F %-5 2 -$0-$ +*;&02$+ & % ,'+$ #8 .0 .#%:,8 !'$0#%$*#0 0$2 F ,0 0E:#0++'70 +*;&02$+ #0:#0+0-$ $,0 !%$0+$ %2U*'+'$' -+ $ $,0 2 *#+0 6 +$*58 -' $,0 ;# %50+$ +0-+0 $,0 0E:#0++'70 %2$'7'$'0+ 6 $,0 +2, !' -2!*50 - $ -!8 $,0 %2$'70 +*;&02$+ 40-$' -05 ;*$ %!+ $,0 :!%8 %-5 + 2'%! %2$'7'$'0+ 6 +2, !' !'60 %-5 $,0 0E:#0++'70 %+:02$+ 6 $,0 !50# +*;&02$+ 4 #0 :%#$'2*!%#!8 $,0 #%! %-5 1#'$$0-2 4 : +'$' - 6 $,0 !%-.*%.0 :0#' 5 00 * , !: ' *4 & % , !: ' *

W / , 0 0&6:0!!'-. 6 :*:'!+ 6# 4 +2, !' +2%#20!8 *+05 '- 4 50#- 5'+2'9 :!'-%#8 :#%2$'20 '- $,0 ! 10# +2, !+ , 0 2,%-.0 6 :*;!'2 %$$'$*50 $ 1%#5 $,0 6*-2$' - 6 0!0 40-$%#8 05*2%$' - '-:%#$'2*!%# %22 *-$+ 6 # $,0 5'+2 -$'-*%-20 6 0E:*!+' -+ 5*9 2%$' - '+ #0.%#505 %+ % 5*$8 - $ % :#'7'!0.0' ,0 +2, !' !%1+ 2 4 :0! %$$0-5%-20 ;0$100-' 20#$%'-'%.0+ %-5 $,0 50!';0#%$0 0E:*!+' - 6 % 2,'!5 ;8 $,0 +2, !' %*$, #'$8 '+ '-2 -.#* *+ 1 '$,' $,0 '50% 6 2 4 :*!+ #8 +2, !' %$$0-59 %-20 6 % 2,'!5 '+ - $ %40-%;!0 $ +2, !' 5'+2':!'-0 ,0 '+ 40#0!8 +*+:0-505 6 # $,0 :0# 5 -020++%#8 $ 5'+2':!'-0 ,'4 # '+ +0-$ $ % :%9 #0-$%! +2, !' #+ 40 $,0# +:02'%! '-+$'$*$' - +:02'%!$8 507'+05 $ 50%! 1'$,'&*70-'!0' -2 #? #'.';!0+ ,0 :#%2$'20 6 0E:*!+' -,%+ %!%#.0# *+%.0 %-5 1%##%-$ %4 -.',.,0# +2, !+ %-5 :#'7%$0 +2, !+ 00 , % ' W / 00 , % ' W (00 6 %# # %* 4 '% # #' ,' *4 0 #6 # , ' *4 ' , * * ! '4 # 0 * ; # * #

W / -8 40$, 5 6 $#0%$'-. %+*;&02$ 1,'2, %'4+ %$ %;# %5 +*#708 6 $,0 6'0!5 #%$,0# $,%- %,'.,!8 509 $%'!05 2 44%-5 6 +0!02$05 # $8:'2%! %+:02$+ -$,'+ +0-+0 %2 4:#0,0-+'70 $#0%$40-$ '+ 2 -$#%+$05 1'$, %-' -$0-+'70 40$, 5 6 +$*58 ,0 #0!%$'70 7%!*0 6? 0E$0-+'70 %-5 '-$0-+'70 40$, 5+ '+ % 4%$$0# 6 5'+2*++' -' '-!4 +$ %!! $,0 + ?2%!!05 2 -$0-$ +*;&02$+ +*2,'%+ -%$*#%!+2'0-20 ,'+$ #8 .0 .#%:,8 !'$0#%$*#0 0$2

00 + % # 43# #*0 4 % W (/ ,0 :,#%+0 R 0E9 $0#-%! ;&02$S # R 1 #!5S '+ '-5'2%$'70 6 $,0 :02*!'%# :# ;!04+ 6 0:'+$04 ! .8 &<% %* '-5 # 2 -+2' *+-0++',%7'-.' ;00- 2 -20'705 %+ % :02*!'%# :#'7%$0 : ++0++' - 6 %- 0E2!*+'70!8 '-5'7'5*%! + *! # +0!6 $,0 ;&02$ 63- 1!05.0 4*+$;0 2 -20'705 %+ R 0E$0#-%! S' .#0%$ 7%#'0$8 6 5'66 0#0-$ #0!%$' -+ ,%70 ;00- %+ % 4%$$0# 6 6%2$!*4:05 $ .0$,0# %-5 2 -6*+05 *-50# $,'+ 2%:$' - ,0#0 '+ H>F $,0 :# ;!04 6 +:%20 1, +0 0!040-$+ %#0 %!! 0E$0#-%! $ -0 %- $,0# H F 6 $,0 #0!%$' - 6 $,0 ; 58 %+ $,0 #.%- 6 $,0 +0!6 $ $,0 #0+$ 6 -%$*#0 1,'2,'+ 0E$0#-%! $ $,0 ; 58 %-5' HJF 6 $,0 :*#: +0+ 6 %-'%.0-$ $ $,0 -%$*#%!2 -5'$' -+ 1,'2,'%#0 '-5'66 0#0-$ $ $,0+0 :*#: +0+ # 1,'2, #0+'+$ $,0'# #0%!'G%$' - 6 $,0 :# ;!04+%:0#9 $%'-'-.' $ $,0+0 #0!%$' -+ ;0 5'+$'-.*'+,05 6-5 5'+0-$%-.!05 '$'+ 5 *;$6*!1,0$,0# %-8+:02'%! :# ;!04 #0!%$'-.' $ %-' R 0E$0#-%! S ;&02$ # R 1 #!5 J 1' ;0 !06$ (

/ 0 $#*2$*#0 / ,0 080;%!! '+ +0$ '-% 2*+,' -05 + 230$ %.%'-+$ 1,'2, '$ '+ ,0!5 %-5 # $%$05 ;8 40%-+ 6 $,#00 :%'#+ 6 %-$%.9 -'+$'2 4*+2!0+ $' '+ %: :# E'4%$0!8 +:,0#'2%!! '-6 #4 %-5 ,%+% 4%E'4*4 5'%40$0# 6 %; *$ $10-$8?$,#00 4'!!'40$0#+ ,0 '-$0#' # '+ 5'9 7'505 '-$ $1 2,%4;0#+ $,0 %-$0#' # 2,%49 ;0# 0E$0-5+ 6# 4 $,0 2 #-0% $ $,0 '#'+ %-5 !0-+ %-5 2 -$%'-+ $,0 %U*0 *+ ,*4 #1,'!0 $,0 : +$0#' # 2,%4;0# 0E$0-5+ 6# 4 $,0 !0-+ $ $,0 #0$'-%-5 2 -$%'-+ $,0 7'$#0 *+ ,*4 # ,0 *$0# 1%!! 6 $,0 080;%!! '+ 2 4: +05 6 $,#00 !%80#+ H>F ,0 +2!0# $'2 '+ % $ *.,'-9 $0.*40-$ 1,'2, 2 70#+ $,0 : +$0#' # +:,0#0 '$+ %-$0#' # :# 20++ 2 -+$'$*$0+ $,0 '#'+ '-$,0 20-$0# 6 1,'2, '+ % 7%#'%;!0 %:0#$*#0 $,0 :*:'! HJF $,0 '--0#4 +$2 %$'-.''+$,0 #0$'-%'1,'2,'2 -+'+$+ 6 %-' -$#'2%$0 -0$1 #3 6 #020:$ #+ 2 --02$ #+ 6';0#+ 6# 4 $,0 :$'2 -0#70 ;! 5 70++0!+ :'.40-$ 0$2 ,0 #0$'-%!+$#*2$*#0 '+ 0E9 2005'-.!8 2 4:!0E ;*$,0 402,%-'+4 4%8 ;0 #0:#0+0-$05 +2,04%$'2%!!8 %+ % +8+$04 6 ;': !%# %-5 .%-.!' - 20!!+ 1,'2, ;#'-.' $,0 +0-+ #8 0-5 #.%-+ H$,0 # 5+ %-5 $,0 2 -0+ 6 $,0 : +$0#' # !%80#F '-$ 2 44*-'2%$' - 1'$, $,0 6';0#+ 6 $,0 :$'2 -0#70 H%-$0#' # !%80#F

,0 # 5+ %-5 $,0 2 -0+ %#0 - $ 5'+$#';*$05 *-'6 #4!8 70# $,0 1, !0 #0$'-%!+*#6%20 $ $,0 #0.' - 1,0#0 $,0 :$'2 -0#70 0-$0#+ $,0 080;%!! $,0#0 '+ %;!'-5+: $ 1,0#0 +0-+ #8 #.%-+ %#0 1, !!8 !%23'-.< %-5 '- $,0 6 70% 20-$#%!'+ H$,0 #0.' - 6 2!0%#0+0$ 7'+' -F -!8 2 -0+ %#0 6 *-5 -$,0 :%#%20-$#%! #0.' - $,0 2 -0+ :#05 4'-%$0< 1,'!0 %+ 10 :# 2005 $ 9 1%#5 $,0 :0#':,0#8 $,0 # 5+ ;02 40 #0!%9 $'70!8 4 #0 %-5 4 #0 -*40# *+ ,'+ 6%2$ $ .0$,0# 1'$, $,0# 07'50-20 ,%+ !05 $ $ &,0 +*:: +'$' - $,%$ $,0 # 5+ %#0 $,0 4 #0 :#'49 '$'70 %-5 $,0 2 -0+ $,0 4 #0 ,'.,!8 5070! :05 0-5? #.%-+ 6 7'+' - '$$!0 '+ 3- 1-#0.%#59 '-. $,0 50$%'!+ 6 $,0 #0$'-%!: # 20++ 1,'2, .'70+ #'+0 $ 7'+*%! +0-+%$' - *40# *+ %$9 $04:$+ ,%70 ;00- 4%50 $ %22 *-$ 6 # $,0 :,0- 40-% 6 #0$'-%!+$'4*!%$' - / $,0 $,0 #8 6 0#'-. ;0'-. 4 +$ .0-0#%!!8 %220:$05 %!$, *.,$,0 $,0 #'0+ 6 #+ %55? #%-3!'- %-5 7 - #'0+ ,%70 %!+ 1 -%5,0#0-$+ ,0 4 7040-$+ 6 $,0 080;%!! %#0 %22 49 :!'+,05 ;8 40%-+ 6 +'E 4*+2!0+ 6 *# 6 1,'2,& (*%:%#0-$!8 ,%70 $ 5 1'$, 4 709 40-$+ $ $,0 #'.,$ $ $,0 !06$ *:1%#5 %-5 5 1-1%#5 #0+:02$'70!8 1,'!0 $,0 $1 ;!'U*0 4*+2!0+ 1,'2, ,%70 %!%$0#%! %$$%2,40-$ %-5 :0#%$0 $,# *., :*!!08+ +0#70 $ #05*20 # :#070-$ $,0 $ #+' - 6 $,0 080;%!! 22 44 5%$' - # 2,%-.0'-$,0 #06#%2$'70 :10# 6 $,0 2*!%# +8+$04 '+ ;# *.,$ %; *$;8 40%-+ 6 % 7%#'%$' -'-$,0 6 #4 6 $,0 2#8+$%!!'-0 !0-+ ,0 !0-+ '+ 0-70! :05 '-% +*+:0-+ #8 2%:+*!0 $ 1,'2, '+ %$$%2,05 $,0 2'!'%#8 4*+2!0 ,0 %##%-.040-$ '+ +*2,$,%$ 1,0-'$,0 2'!'%#8 4*+2!0 '+2 -$#%2$05 '$+ $0-+ -* :-$,0 !0-+ '+ #05*205 %-5 $,0 !0-+ '-7'#$*0 6 '$+ 1-0!%+$'2'$8 %++*40+ % #0!%$'70!8 .!;*!%# 6 #4 H%::# :#'%$0 6 # $,0 6 2*+'-.' 6 -0%# ;&02$+F< 1,'!0 1,0-'$,0 2'!'%#8 4*+2!0 '+ - $2 -$#%2$05 '$!0+ '-+*2,% : +'$' - $,%$ '$+ !%$0#%! $0-+ -$0-5+ $ 6!%$$0-' $,0 !0-+ %-5 ,0-20 $ 6 2*+ $,0 +8+$04 6 # 5'+$%-$;&02$+ H 0!4, !$GF (8.'0-0 6 $,0 80 /-'-20 $,0 080 '+ $,0 #.%- 6 +0-+0 4 +$ *+05 ;8 +2, !2,'!5#0- +2, !,8.'0-0 '+ 0+:02'%!!8 2 -20#-05 1'$, $,0 ,0%!$, 6 $,'+ #.%- %-5 '$+2 -5'$' - 6 #06#%2$' - -$,0 - #4%! 2 -5'$' - $,0 %-7 $0# ?: +$0#' # 5'%40$0# '+ +*2, $,%$:%#%!!0! #%8+ 6 !'.,$'%#0 ;# *.,$ $ % 6 2*+ -$,0 #0$'-% ,'+ 2 -5'$' - 6 #06#%2$' - '+ 2%!!05 % 07'%$' - 6# 4 $,'+ '+ 2%!!05 % ## #+ 6 #06#%2$' - %#0 # *.,!8 5'7'505'-$ $,#00 3'-5+ ↑ H>F 1! 6 1,0#0 $,0 %-$0# ?: +$0#' # 5'%40$0# 6 $,0 080 '+ $ +, #$ %-5 :%#%!!0! #%8+ 6 !'.,$ +$#'3'-.$,0 2 #-0% %#0 ;# *.,$ $ % 6 2*+ ;0,'-5 $,0 #0$'-% $,%$ '+ $,0 080;%!! '+ $ +,%!! 1 H 00 - % 5 HNF ! 6 1,0#0 $,0 %-$0# ?: +$0#' # 5'%40$0# '+ $! -. %-5 :%#%!!0! #%8+ 6 !'.,$ %#0 ;# *.,$ $ % 6 2*+ '-6# -$ 6 $,0 #0$'-% HJF &< %*6 1,0#0 $,0#0 '+ %- 0## # '- $,0 #06#%2$'-. +*#6%20+ 0'$,0# $,0 2 #-0% #$,0 !0-+ *+*%!!8 $,0 6 #40# #4%! %2$'7'$8 6 7'+' - *+*%!!8 50:0-5+ *: - $,0 '-$0.#'$8 6 $,0 7'+*%! #.%-+ $,0 2 -5'$' - 6 .0-0#%! :,8+'2%!, 0%!$, %-5 $,0 2 -5'$' - 6 #06#%2$' - 6 $,0 080+ -+ 40+ 2%+0+ , 1070# $,0#0 '+ 10%3-0++ 6 7'+' -5*0 $ 50602$ # 5'+0%+0 1,0#0 $,0#0 '+ - 0## # 6 #06#%2$' - ,'+ '+ 2%!!05 2 ! % ,0 +$%-5%#5 *+*%!!8 %++*405 6 # - #4%! %2*'$8 6 7'+' - '+ $,0 %;'!'$8 $ #0%5 $,0 +$%-5%#5 -0!!0-8 $8:0 %$ % 5'+$%-20 6 $10-$8 600$,'+ %;'!'$8 '+ #0:#0+0-$05 ;8 > # (# #023 -05 '- 40$0#+ = -0!!0- %5 :$05 $,'+ - #4 %+ $,0 +$%-5%#5 #0:#0+0-$'-. - #4%! %2*'$8 6 7'+' - ;*$ $,0 +$%-5%#5 '+ % 2 -70-$'-%! -0 $ 230# 4%'-$%'-+ $,%$ >NQ +, *!5 ;0 $%30- %+ #0:#0+0-$'-. - #4%! %2*'$8 6 7'+' - +% 4%$$0# 6 6%2$,0 4%'-9 $%'-+ $,%$ $,0 %2*'$8 6 7'+' - 4 +$ *+*%!!8 6 *-5 %4 -. 2,'!5#0- '+ >QK - %-8 2%+0 $,'+ '+ 1,%$,0 6 *-5 '- ,'+ '-70+$'.%$' -+ PP 080+ %4 -. $,0 ; 8+ PLN 080+ %4 -. $,0 .'#!+ ,%5 % 7'+*%! %2*'$8 6 ('1,'!0 -!8 NJN 080+ %4 -. $,0 ; 8+ %-5 NJ %4 -. $,0 .'#!+ ,%5 % 7'+*%! %2*'$8 6 -!8 ,0 0## #+ 6 #06#%2$' - ,%70 ;00-+$*5'05 '- ,*-5#05+ 6 $,*+%-5+ 6 +2, !2,'!5#0- %-5 70#8+'.-'6'2%-$ #0+*!$+,%70 ;00- ;$%'-05 ,0 080 6 $,0 2,'!5 %$;'#$,'+ *-5070! :05 +% #*!0 '$'+ %- ,8:0# :'2 080 6$0# ;'#$,' 5070! :40-$:# 2005+ .#%5*%!!8 %-5 1,'!0 10 5 - $3-1&*+$ %$ 1,%$ %.0 $,0 080 - #9 4%!!8 ;02 40+ 04 40$# :'2 '-70+$'.%$ #+ ,%70 6$0-5 6 *-5 $,%$ %$ $,0 ;0.'--'- 6 +2, !'!'60 4 #0 $,%- ,%!6 6 $,0 :*'!+ ,%70 ,8:0# :'2 080+ -$,0 !%$0# .#%50+ $,0 4%& #'$8 6 080+ ,%70 ;02 40 04 40$# :'2 # :%+05 $,# *., $,'+ +$%.0 %-5 ;02 40 48 :'2 ,0 -*4;0# 6 2,'!5#0- 1'$, 50602$'70 7'+' -7%#'0+ .#0%$!8 %22 #5'-.$ 5'660#0-$'-70+$'.%$ #+ ,0 -*49 ;0# 6 *-5 50:0-5+ -$,0 6'-0-0++ 6 $,0 40$, 5+ 6 $0+$'-.*+05 40 '-70+$'.%$ #+ ,%70 6 *-5 %+ 4%-8 %+ -'-0$8?+070-:0# 20-$ 6 %!' 2,'!5#0- 1'$, #06#%2$'70 0## #+ 6 + 40 3'-5 %-5 :#;%;!8 601 '6 %-8 %;+ !*$0!8 049 40$# :'2 080+ 2%-;0 6 *-5 6', 1070# 10 2 -+'50# $,0 -*4;0# $,%$,%70 +*2,% 50.#00 6 #06#%2$'70 0## #$,%$ '$'-$0#60#0+ 1'$, +2, !1 #3 $,0 -*4;0# '+ +$'!' !%#.0 40#'2%-'-70+$'.%$ #+ 1'$, 50602$'70 7'+' - 0#4%-'-70+$'.%$ #+ ,%70 +*+%!!8 6 *-5 6# 4>K$ JK :0# 20-$ 6 +2, !2,'!5#0- 1'$, 50602$'70 7'+' - 0#4%-'-70+$'.%$ #+ ,%70 *+*%!!8 6 *-5 6# 4 $10-$8 $ 6 #8 :0# 20-$ %!$, *.,'-4%-8 '-+$%-20+ % 4*2, !%#.0# :0#20-$%.0 -. !%-5+ 401,%$ 5'69 60#0-$ #0+*!$+,%70 ;00-6 *-5 6# 4 $, +0'- 0#4%-8 0+$+ ,%70 ;00- 4%50 '- 9 5 - 6 :0#,%:+ ,%!6 % 4'!!' - 2,'!5#0- *-50# $,0 %;!0 +*:0#7'+ - 6 # 0##' -% - %70#%.0 $0-:0# 20-$ 6$,0 2,'!5#0-'10#0 6 *-5 $,%70 7'+' - 1,'2,'+ ;%5 H" # !0++ 1,0- $0+$05 ;8 $,0 $0%2,0#+ *-50# $,0 #5'-%#8 2 -5'$' -+ 6 !'60 & " 6 >PKQ :'JM< >PKP :'QO F ,0 +0E '-2'50-20 6 #06#%2$'70 0## # 6 *-5 '- -5 -'+ - $01 #$,8 '#!+ %22 *-$ 6 #

-!8 OL :0# 20-$ 6 $,0 %4 *-$ %$ 4'55%8 $,%$ %$ M JK -!8 NL :0# 20-$ 6 $,%$ %$ >N JK !+ $,0 7%#'%$' -5*#'-.$,0 5'660#0-$ 4 -$,+ 6 $,0 80%# 1%+ 70#8 .#0%$ 0204;0# ,%7'-.$;*$ >) :0# 20-$ $,0 '!!* 4'-%$' -6 *-5 '-(*-0 ,0+0 6%2$+ +, 1 $,0 '4: #$%-20 6 %4:!0 '!!* 4'-%$' -%-5 6 +*'$%;!0 2*#9 $%'-+ %-5 $,0 !'30 6 # #0.*!%$'-.$,0 %4 *-$ 6 !'.,$

-$,0 ,8.'0-0 6 $,0 080 $,0 6 !! 1'-. %5%:$%$' -0 6 $,0 #*!0+ '-$,0 4'!'$%#8 +2, !+ '-0#4%-8 '+ %::!'2%;!0 '-$,0 :*;!'2 +2, !+ H>F ,0#0 +, *!5 ;0 +*2,'% 5'7'+' -6 '-+$#*29 $' -$,%$ $,0 080+ 1'!! -070# ;0 *+05 ! -.0# 6 # -0%# 1 #3 $,%-,%!6 # $,#00 U*%#$0#+ 6 %-, *# 1'$, *$ '-$0##*:$' - # :0# %!$0#9 -%$' -6 1 #3 %-5 #0+$ '+ $;0 :# 7'505 6 # HNF ,0#0 +, *!5 ;0 6#0U*0-$ 0E0#2'+0 '-! 39 '-.'%$$,'-.+ %$ %5'+$%-20 '-5 #50# $ #0!'070 $,0 080+ HJF ,0#0 +, *!5 ;0 4*2,' 4 7040-$ '-$,0 *$5 # %'#' .84-%+$'2 :!%8+ 6 #0E%4:!0 HMF 0%5'-.'; 8 *-+%$'+6%2$ #8 !'.,$ 0+:02'%!!8 %$ $1'!'.,$ +, *!5 ;0 %7 '505 HQF ,0 :*:'!+ +, *!5 $%30 %:# :0# :+'$' -' -0 #0%5'-.'%-5 1#'$'-. ,0 080+ 4*2,' %+ :++';!0 +, *!5 ;0 30:$ %$ % 5'+$%-20 6 %$!0%+$ $10!70 '-2,0+ 6# 4 $,0 1 #3 H F :02$%2!0+ +, *!5 ;0 *+05 -!8 ;8 #50# 6 % :,8+'2'%- HLF ,0 -0%#9 +'.,$05 :*:'!+ +, *!5 ,%70 $,0'# :!%20 '-'% 2!%++ %!! $$05 $ $,04 1'$, 5*0 #0.%#5 $ $,0 2 -9 5'$' -6 $,0'# 080+ H F ,0 !'.,$ '-#0%5'-.' 1#'$'-. '-5 5#%1'-.' +, *!5 2 40 6# 4 $,0 !06$ # 6# 4 %; 70 $,0 :*:'! %-5 $,0 ;&02$ +, *!5 ;0 2 4:!0$0!8 !'.,$05 HPF 2, !' -+$#*2$' -;8 %#$'6'2'%!' !'.,$'+, *!5 ;0 %7 '505 %+ 4*2,'%+ :++';!0< 1,0-'$2%-- $;0 %7 '505 $,0-' #0%5'-.'%-5 1#'$'-.'+, *!5 ;0 #05*205 $ '% 4'-'4*4'%-5 5#%1'-.' 4'$$05 %!$ .0$,0#' H>KF !%#.0 ,%-51#'$'-.'+, *!5 ;0 #0U*'#05 $,0 ,0'.,$ 6 $,0 +4%!' !0$$0#+ %4 *-$'-.' $ %$!0%+$ $,#00 4'!!'40$0#+ ,0 70#$'2%! # -0%#!8 70#$'2%! 4%-'+2#':$ +, *!5 ;0 +:09 2'%!!8 *+05 H>>F ,0*+0 6 1#'$'-.'; 3+1'$,' % -0$1 #3 6 !'-0+ +, *!5 - $;0 :0#4'$$05 H>NF '.,$ 2! $,'-.'%; *$ $,0 -023 +, *!5 ;0 %7 '505 1,'!0 #0%5'-.' 1#'$'-.' # 5#%1'-.

#'Z'0.!0# ,%+ %57 2%$05 080 .84-%+$'2+ %+ 0+:02'%!!8 '4: #$%-$ 0E0#2'+0+ 6 # :#070-$'-.' 48 :'% ,0 0E0#2'+0+ $,%$ 2%-' ;0 $#%'-05 &*+$ %+ 10!! %+ $,0 4*+2!0+ 6 $,0 ; $0+$,'+ 080 .84-%+$'2+ 04;#%20+ ! 3'-.'0E0#2'+0+ &*5.9 40-$ 6 5'+$%-20+ %-5 #'0-$%$' -

,'!0 $,0 #0+*!$ 6 #020-$ +2'0-$'6'2 +$*5'0+ '+ $ '-5'2%$0 $,0 '4: #$%-20 6 ,0#05'$8 %-5 $,0# 6%2$ #+ #%$,0# $,%-' $,0 +2, !'-' $,0 :# 9 5*2$' -6 080 50602$+' $,0 04:,%+'+ 2%-' ;0 $#%'-05 &*+$;0 :*$ $ +$# -.!8 -' $,0 ,8.'0-0 6 $,0 080 2!0%-!'-0++ 2%#0 6 $,0 .0-0#%!' ,0%!$,' %-5 :0#' 5'2 $0+$+ ;8 2 4:0$0-$:0#+ -+ 80 +$#%'-'+ $,0 2%*+0 6 4%-8 +0#' *+ +84:$ 4+ ,0%5%2,0 5'GG'-0++ '-5'.0+$' -' -0#7 *+-0++ %-5 $,0 !'30 ,0 ,%-5'2%:' $ +2, !1 #3 '+ 6$0-' +0#' *+ ,0 '4:#7040-$ 6# 4 $,0

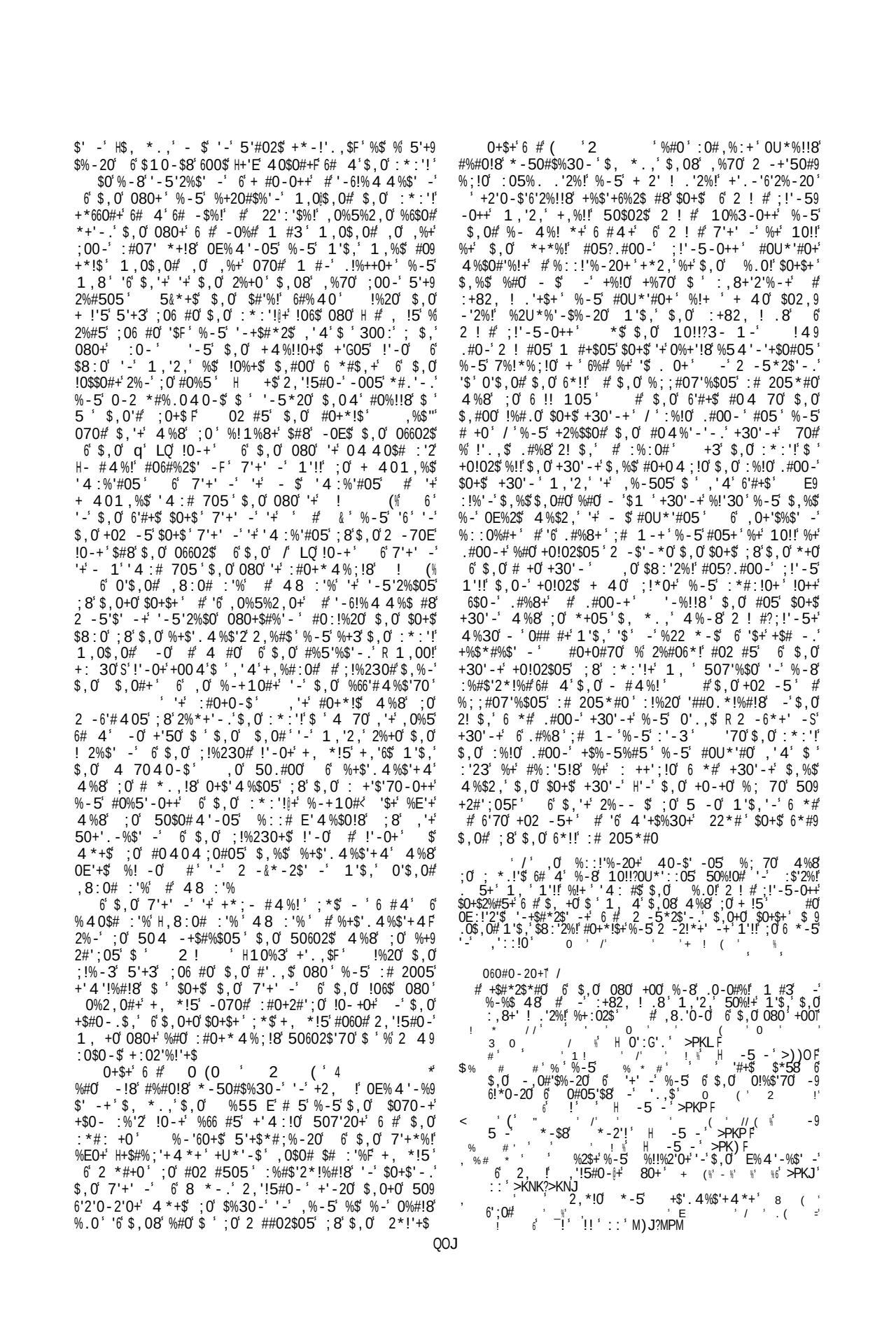
2 ##02$' - 6 $,0 080 50602$+ '-' -5'7'5*%! 0%+0+ '+ 6$0-' % #070!%$' -' $ $0%2,0#+

,0 +:02'%!!8 '4: #$%-$ $,'-.+ 504%-505 ;8 +2, !',8.'0-0 %#0 $,0 6 !! 1'-.' H>F $0+$+ 6 $,0 080+ 6 %!! +2, !2,'!5#0-' -20 % 80%# ;8 $0%2,0#+ %-5 2 4:0$0-$ 2*!'+$+ HNF ,0 2 ##02$' - 6 0## #+ 6 #06#%2$' -;8 0E:0#$ %59 7'20 HJF ,0 ;+0#7%-20 6 $,0 10!!?%220:$05 #*!0+6 #$,0 ,8.'0-0 6 $,0 080

00 * % * - %4 %4 % # 4 # 4 + %' %

7040-$+ 6 $,0 80 /' ,0 080 4*+2!0+ # $%$0 $,0 080;%!! 1'$,'-$,0 ,0%5 '-+*2,'% 1%8 $,%$ '4%.0 # ;&02$+ %$ $,0 #'.,$ # !06$ 2%-';0 :# &02$05 *: -$,0 #0$'-%< 6*#$,0#9 4 #0 $,0 $1 080+ 2%-2 -70#.0 *: -$,0 +%40 ;&02$ 1,0$,0# $,%$ '+ -0%# %$,%-5 # 6%# %1%8 H 00 #o #' 5 %-8 %;9 - #4%!'$'0+ '-080 4 7040-$+ %#'+0 %+ %#09 +*!$ 6 !%23 6 0E%2$ +84 40$#8 '-$,0 4*+2!0+ 2 -$# !!'-.'$,0 080+ U*'-$'-.'#0+*!$+ %+ %-5 0E$#040 $8:0 6 $,'+ 3'-5 6 !%23 6 +84 40$#8 ,0 :%$, ! .8 6 080+$#%'-', %+ - $;00-.'70-$,0 %$$0-$' -1,'2,'$ 50+0#70+ '-05*2%$' - %-8 :0#+ -+ %#0 +*;&02$05 2 -+$%-$!8 $ $,0 -020++'$8 6 0E20++'70 2 -$#%2$' -6 -0 # 4 #0 6 $,0 2*!%# 4*+2!0+ '-#50# $ 2 -70#.0 $,0 $1 080+ :# :0#!8 ,'+ '-5*20+ 6%$'.*0 %-5 6$0 -!0%5+ $ 0E$#040 0E,%*+$' - %-5 $,0# 2 -+0U*0-20+ 1,'2,' %#0 6%#?#0%2,'-.' '-$,0'# +'.-'6'2%-20 6 # :0#+ -%! ,0%!$,' %-5 ;09 ,%7' #' -:+82, ! .8 $,0 080 4 7040-$+ ,%70 ;00-4*2,'04:,%+'G05 %+ +'.-'6'2%-$ '-0E:!%'-'-.$,0 :# 20++0+ 6 7'+*%! :0#20:$' - ,0$,0# $,0 080 4 7040-$+ +*::!8 '-50:0-590-$ +0-+%$' -+ # - $,%+ ;00-' % +*;&02$ 6 7'. # *+ 5'+2*++' - ,0 '--0# 4*+2*!%# %59 &*+$40-$+ '-7 !7'-.'2,'06!8 $,0 !0-+ H+00 6 % #5 %#0 -$ *+*%!!8 #0.%#505 %+ 080 4 7040-$+ '-$,0 :# :0# +0-+0 6 $,%$ $0#4

'+' -0+$+ 6 /' ,0 +$ 23 $0+$ 6 7'+' -%+ %54'-'+$0#05 '-+2, !+ 2 -+'+$+ 6 % +'4:!0 50$0#4'-%$' -6 2%:%2'$8 $ #0%5 $0+$ $8:0+ H*+*%!!8 6 $,0 -0!!0-:%$$0#-F %$ % 5'+$%-20 6 $10-$8 600$,'!0 $,'+ $0+$ '+ ;0$$0#$,%- -0 %$ %!!' '$ 6%'!+ $ 50$02$,8:0# :'% H 70#9 +',$05-0++F 1,'2,' ,%+ '-+ 40 #0+:02$+ 4 #0 +0#' *+ %-5 6%#?#0%2,'-.' 2 -+0U*0-20+ $,%-48 :'% H+, #$?+'.,$05-0++F %-5 '$ -!8 '-5'#02$!8 #070%!+ $,0 :#0+0-20 6 %+$'.4%$'+4 ,0 $0+$,0#0 #02 440-505 1,'2,'6 !! 1+ '-$,0 4%'-' $,0 +*..0+$' -+ 6 $,0 40#'2%-: ,$,%!4 !.'2%! 2'0$8 '+ 50+'.-05 $ #040 58 $,'+ '-+*66'2'0-28 ,0 0E%4'-0# -005 % $0+$ 2%#5 6 # %2*'$8 % $0+$ 2%#5 6 # %+$'.4%9 $'+4 H:#060#%;!8 0#, O66+ 2, %#$F %+'4:!0 $#'%! 6#%40 $1 / LQ %-5 $1 q LQ +:,0#9 '2%! !0-+0+ HM)?'-2,'6 2*+ -.!'+,' +8+$04F %-5 -0 ;!%-3 5'+3 H 1 :%'#+ 6 2,0%:' +:02$%2!0 6#%40+ 6'$$05 $,0 -0 1'$,'$,0 2 -970E $,0 $,0# 1'$,' $,0 2 -2%70 !0-+0+ 4%8 #0:!%20 $,0 $#'%! 6#%40 %-5 $0+$!0-+0+ F !%20 $,0 $0+$ $8:0 -$,0 1%!! # +$%-5 -% !070! 1'$,'$,0 :*:'!+ 080+ '-%+$# -.'070-'!!* 4'-%?



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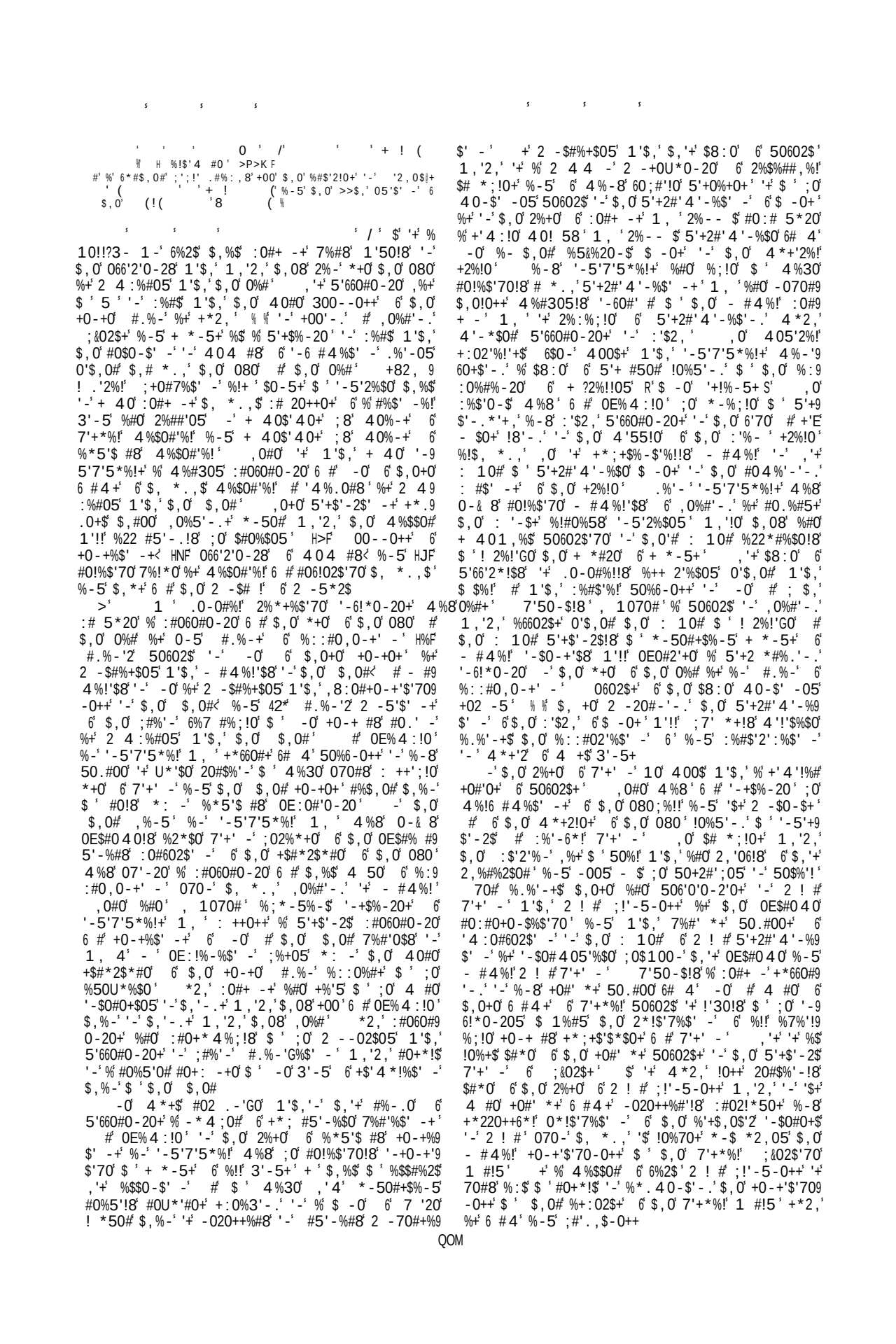

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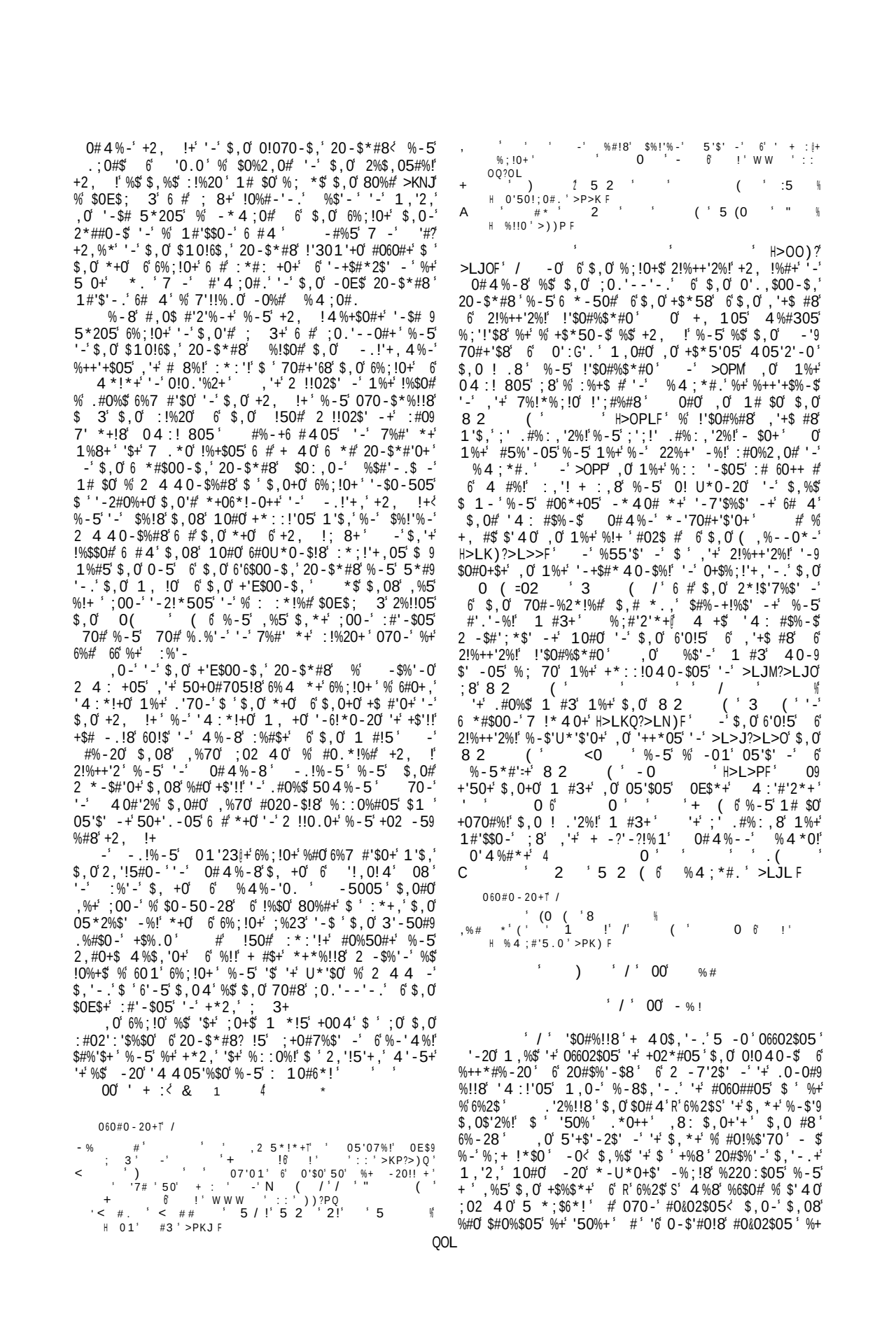

QOL

40#0' '50%+ʻ #'6'2$' -+ʻ -ʻ$,0' $,0#' ,%-5ʻ$,0' :# .#0+#+ʻ 6'+2'0-20' 6$0-ʻ.'70#ʻ+*2,ʻ+02*#'$8'$ʻ 1,%$' %$' 6'#+$' 1%#ʻ %'$,0 #8'$,%$' '$' '+ʻ %54'$$05' %#ʻ 6%2$'ʻ '-20' 070#8' .0-*'-0' &*5.40-$' H%#ʻ 5'+$'-2$'6# 4ʻ%70#;%!'0-*-2'%$' -ʻ 6'+ 40$,'-.ʻ %!#0%58' 3- 1-F '-7 !70+ʻ %-ʻ'-U*'#8' # #0:#09 +0-$+ʻ R'. '-.ʻ6# 4ʻ$,0'3- 1-ʻ$ʻ$,0'*-3- 1-Sʻ 070#8'&*5.40-$'-7 !70+ʻ ; $,'R'6%2$S' % %'+ 409 $,'-.ʻ $%30-ʻ6 # .#%-$05ʻ %-5' ?'ʻ'50% Sʻ % %' % ,8: $,0$'2%!' 40%-'-.ʻ 04:,%+'G05' $ʻ #0'-$0#9 :#0$' $,0' 6%2$ʻ -ʻ$,0' :# 205*#0' 6' %57%-2'-.ʻ 6# 4ʻ$,0'3- 1-ʻ$ʻ$,0'*-3- 1-ʻR6%2$S'ʻ+ʻ$,0' +*;&02$' 6' &*5.40-$'$,0' +'$*%$' -ʻ+ʻ 6%#' %+ʻ 3- 1-ʻ 1,'!0'$,0':#05'2%$0' '+ʻ$,0'*-3- 1-ʻ+ʻ 6%#' %+ʻ %-ʻ'50%' $0-$%$'70!8' %-5' ,8: $,0$'2%!!8' +$%-5+'6 #'$ʻ H 00' " # 5' 5*2%$' -%!!8ʻ $,0':# ;!04ʻ%22 #5'-.!8'+ʻ$ʻ*$'!'G0'6%2$+ʻ- $%+ʻ 0-5+ʻ'-ʻ$,04+0!70+ʻ H$,0' .#%5.#'-5ʻ 5#8?%+?5*+$ $8:0' 6' '-+$#*2$' -F ʻ;*$'%+ʻ 4%$0#'%!' 6'&*5.9 40-$ʻ %% 6 # %57%-20' '-$ ' $,'$,0#$ ʻ *-9 3- 1-ʻ (ʻ

00'3 %4 3#/ % #4 +

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ʻ/ʻ ʻ: +'$'70'-$0.0#' $,%$'+ʻ 2 -9 $%'-05ʻ1'$, *$%#04%'-50#'-ʻ%: +'$'70'-$0.0#' '+ʻ 2%!!05ʻ%/ (ʻ 6'$,0'!%$$0#ʻ ,*+ʻ N'Mʻ ʻL' %#0'6%2$ #+ʻ 6' >MKʻ -ʻ$,0' !50#' 4%$,04%$'2+ʻ > 1%+ʻ - $'2 -+'50#05'%-*4;0#' H+00' # 5'%-5' ,0-20' '$' 1%+ʻ - $ 2 -+'50#05'%'6%2$ #' 6'%-8' -*4;0#ʻ ,0':# 5*2$' 6'+070#%!'6%2$ #+ʻ 1%+ʻ 22%+' -%!!8'3- 1-ʻ%+ʻ%/ 0 6'%+ʻ'-ʻ$,0'1 #3+ʻ 6' %4*+'%-5' 2, -0#*+ʻ4<<% %% ,0';# %50-9 '-.ʻ 6'$,0'-*4;0#2 -20:$%-5'$,0'5070! :'-.ʻ 6'%-ʻ%!.0;#%'2'+84; !'+4ʻ,%70'!05'$ʻ$,0' 22%9 +' -%!'#04 7%!' 6'+ 40' 6'$,0':#'4'$'70'!'4'$%9 $' -+ʻ+ʻ$,%$' 'ʻ+ʻ 22%+' -%!!8'2 -+'50#05'% 6%2$ #' 6'M'%!$, *.,ʻ'-ʻ$,0'$,0 #8' 6'-*4;0#+ʻ 4%<% %*$,0'#0+$#'2$' -ʻ$ʻ: +'$'70'-$0.0#+ʻ'+ʻ +$'!!' 4%'-$%'-05ʻ -ʻ%!.0;#%' $,0'%-2'0-$ *+%.0'+ʻ 6!! 105'%+ʻ6%#'%+ʻ: ++';!0';*$'ʻ$;02 40+ʻ-020+9 +%#8'$ʻ#02 .-'GO' $,0#3'-5+ʻ 6'6%2$ #+ʻ ,*+ʻ 10'+%8'$,%$Tʻ ʻ+ʻ%-ʻ%!.0;#%'2'6%2$ #' 6' 6 %!$, *.,ʻG4%8'$*#-ʻ *$'$ʻ;0'%6#%2$' -< ?'ʻ+ʻ A %6%2$ #' 6' /'1'$,'-ʻ$,0'5 4%'-ʻ 6'#%$' -%!'$8 %!$, *.,ʻ-$' 1'$,'-ʻ$,0'5 4%'-ʻ 6'-$0.0#+< /'%'ʻ+ʻ%6%2$ #' 6' 6 %!$, *.,ʻ-$' 1'$,'-ʻ$,0'5 4%'-ʻ 6'-$0.0#+< /'%'ʻ+ʻ%6%2$ #' 6' 6 %!$, *.,ʻ-$' 1'$,'-ʻ$,0'5 4%'-ʻ 6'#%$' -%!'$8< %-5'+ʻ -

,'+ʻ 0E:%-+' -ʻ 6'$,0'50%' 6'6%2$ #'-.ʻ'+ʻ -020++%#8'ʻ-ʻ$,0'+ !*$' -ʻ 6'0U*%$' -+ʻ ,*+ʻ $ʻ+ !70'$,0'0U*%$' -ʻ e eS' 10'4%8'+%8'$,%$' & c *4 e@ *'d'ʻ%-5'0U*%$0'0%2,ʻ6%2$ #' $ʻ G0#ʻ 0',%70',0#06%2$ #05'1'$,'-ʻ$,0'5 4%'-ʻ 6'#%$' -%!'$8'%+ʻ $ʻ 6';*$ʻ-$'%+ʻ $ʻ%ʻ -ʻ 0!040-$%#8'%!.0;#%' 10'%#0'!'30!8'$ʻ+00'4 #0' 6' $,'+ʻ 0E:%-+' -ʻ 6'$,0'50%' 6'6%2$ # ,0'+*:&02$' 6'6%2$ #'-.ʻ'-ʻ%!.0;#%' 22*:'05' !'$$!0'%$$0-$'-ʻ'-ʻ$,0' -'$05' $%$0+ʻ*-$'!'$,0

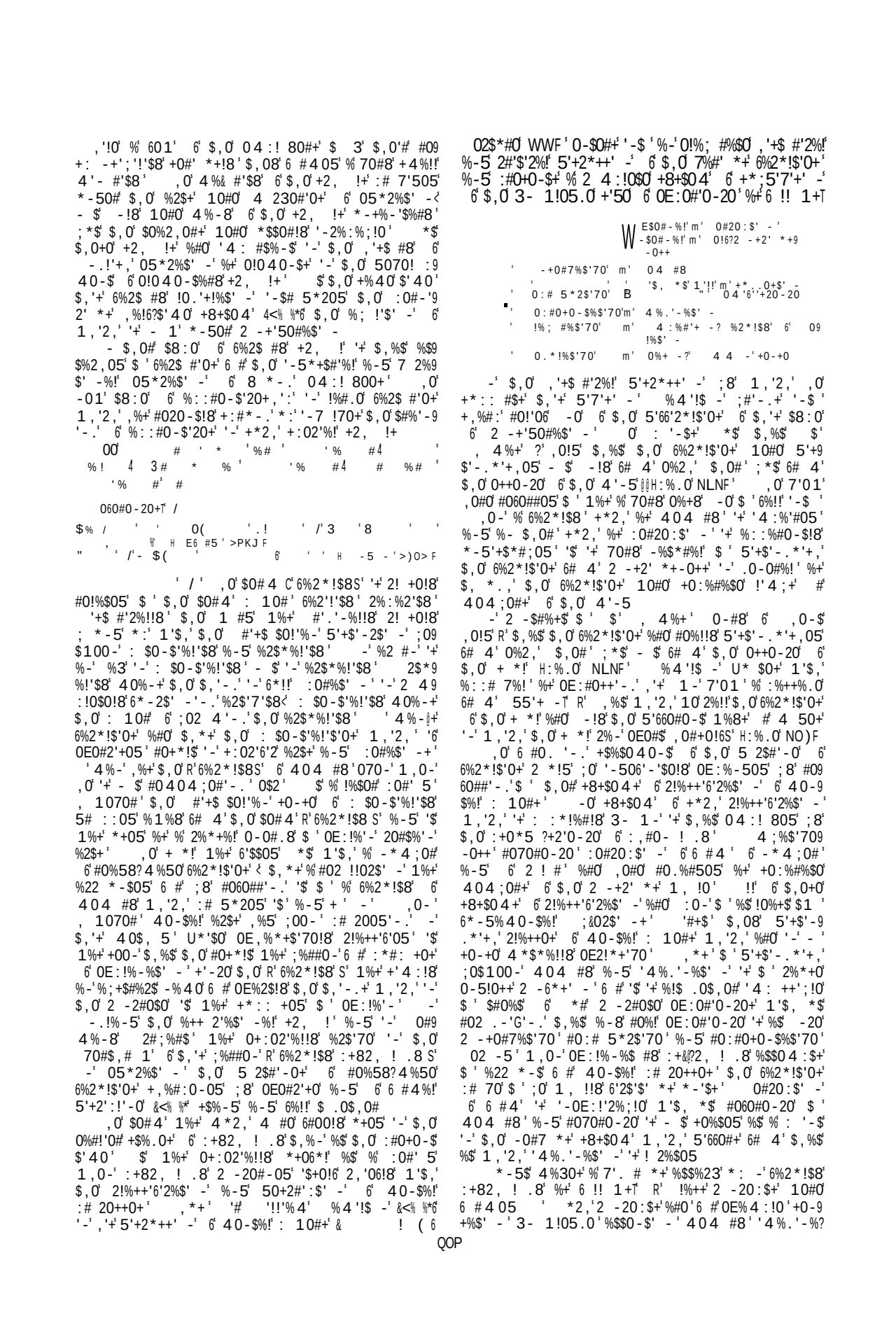
!%+$' U*%#$0# 6' $,0' -'-0$00-$,ʻ 20-$*#8ʻ $' $,0-ʻ;02%40'70#8' :*1%#' 1'$,ʻ $0%2,0#+ʻ%-5' 1%+ʻ 2%##'05'$ʻ%-ʻ0E$#040'6# 4ʻ1,'2,ʻ$,0#0',%+ʻ 6'!%$0';00-ʻ%'502'505'#0%2$' -ʻ ,0'+*;&02$' ,%+ʻ $1ʻ 4%-'60+$'%::!'2%$' -+T H F $ʻ $,0'#09 5*2$' -ʻ 6'6#%2$' -+ʻ$ʻ! 10+$'$0#4+'%-5'H F $ʻ $,0'+ !*$' -ʻ 6'0U*%$' -+ʻ +ʻ$ʻ$,0'6'#+$'$,0#0' '+ʻ%502'505'$0-50-28'%$':#0+0-$'$ʻ!'4'$'$,0'+$8!0' 6'6#%2$' -+ʻ *-50#2 -+'50#%$' -ʻ$ʻ$, +0'$,%$' $,0':*:'!'+ʻ!'%;!0'$ʻ400$'-ʻ0!040-$%#8'%!.0;#%ʻ ,'+ʻ,%+ʻ!0++0-05'$,0'-*4;0# 6'2%+0+ʻ 6'6%2$ #9 '-.ʻ-020++%#8'6 #'$,0'#05*2$' -ʻ 6'$,0+0'6#4+ʻ $ʻ+'4:!0#'$0#4+ʻ '$,ʻ#0+:02$'$ʻ$,0'*+0' 6' 6%2$ #'-.ʻ'-ʻ$,0'+ !*$' -ʻ 6'0U*%$' -+ʻ '$' '+ʻ 07'50-$'$,%$'$,0';'- 4'%!'6%2$ #'+ʻ$,0'4: #9 $%-$2 -+'50#%$' -ʻ%-5',0-20'4*2,ʻ04:,%+'+ʻ -00505'*: -ʻ$,0'+?2%!!05ʻ 04%'-50#' ,0 #04ʻ H #' %2$ #' ,0 #04'%+ʻ'$'+ʻ 40$'40+'!0++'+%$'+9 6%2$ #'!8'-%405F'%$,0 #04';8'1,'2,'10'50$0#9 4'-0'6'G/ʻ'+ʻ%6%2$ #' 6'/4 *% # 4'$,0':'-$ 6'7'01ʻ 6'%2$*%!'*+0'$,'+ʻ$,0 #04'+ʻ$,0'4 +$' 4: #$%-$ -0'-ʻ0!040-$%#8'%!.0;#%'2' 6%2$ #9 '-.ʻ

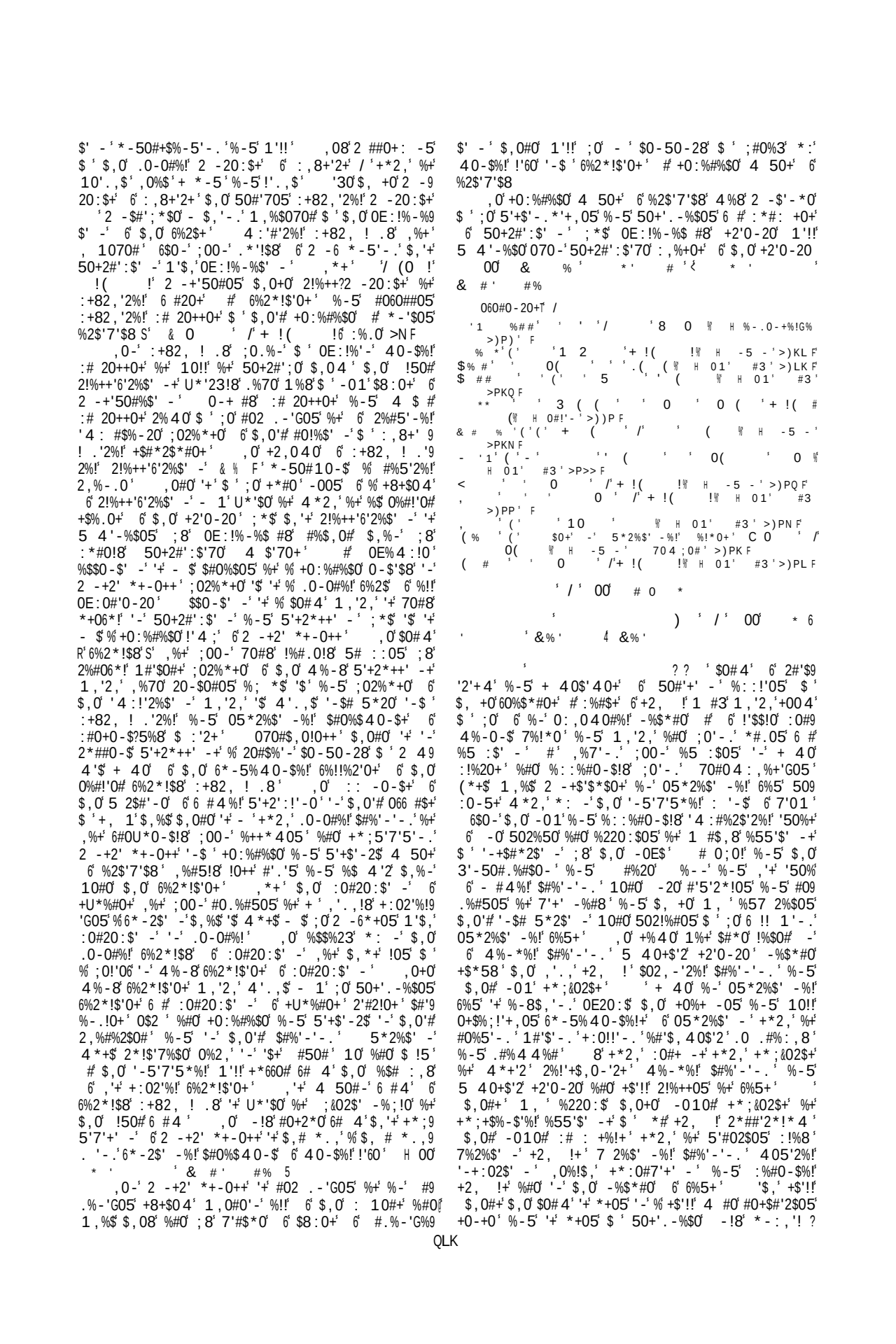
ʻ ʻ ʻ/ʻ 00 # *ʻ /ʻ #*' *# **

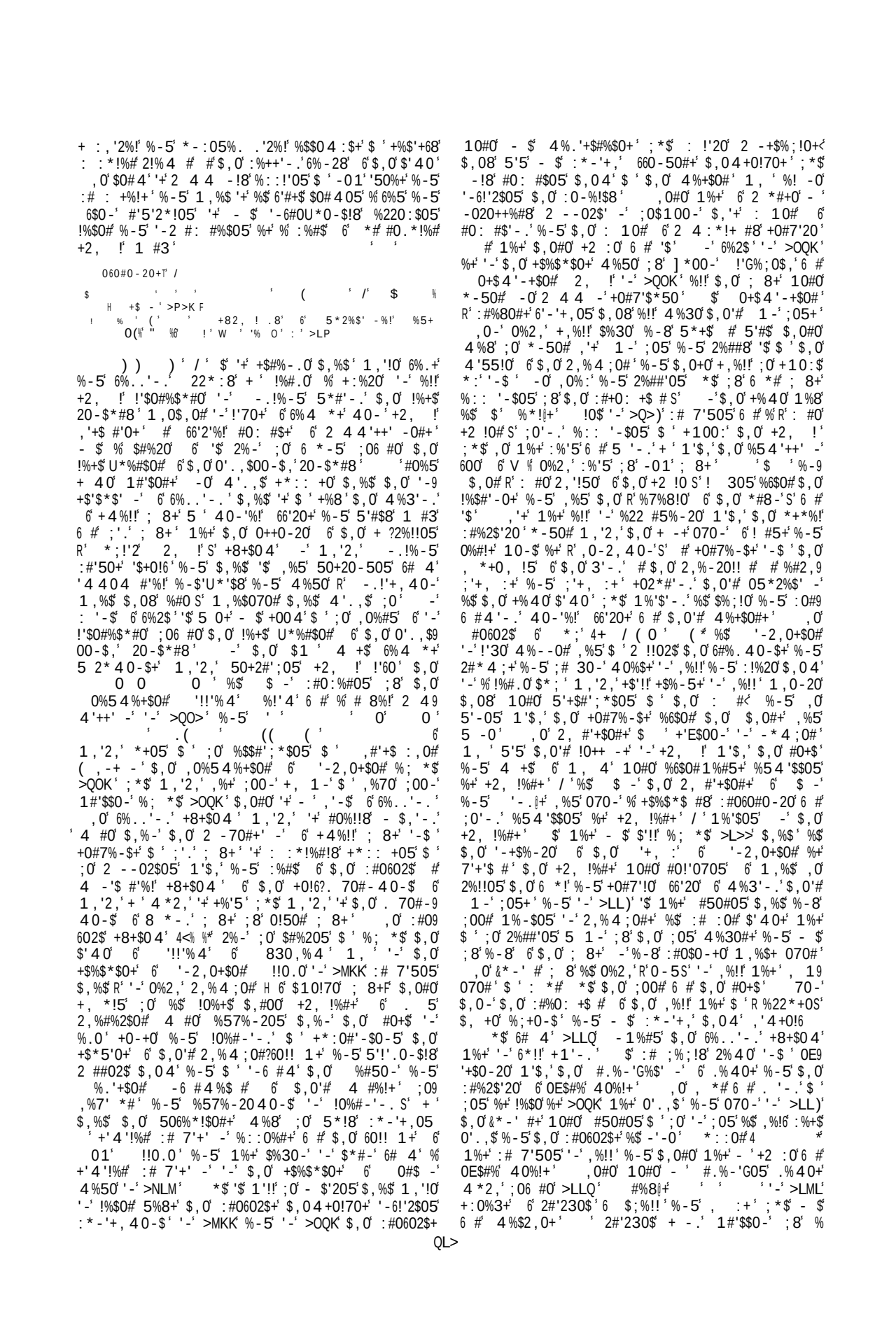
ʻ ʻ ʻ/ʻ 00' ʻ %! ʻ%#ʻ 'ʻ% #'4 ʻ * %6 #'& ʻ+-ʻ #* 0% #'%# ʻ ' #' /4 &%' ʻ,' *

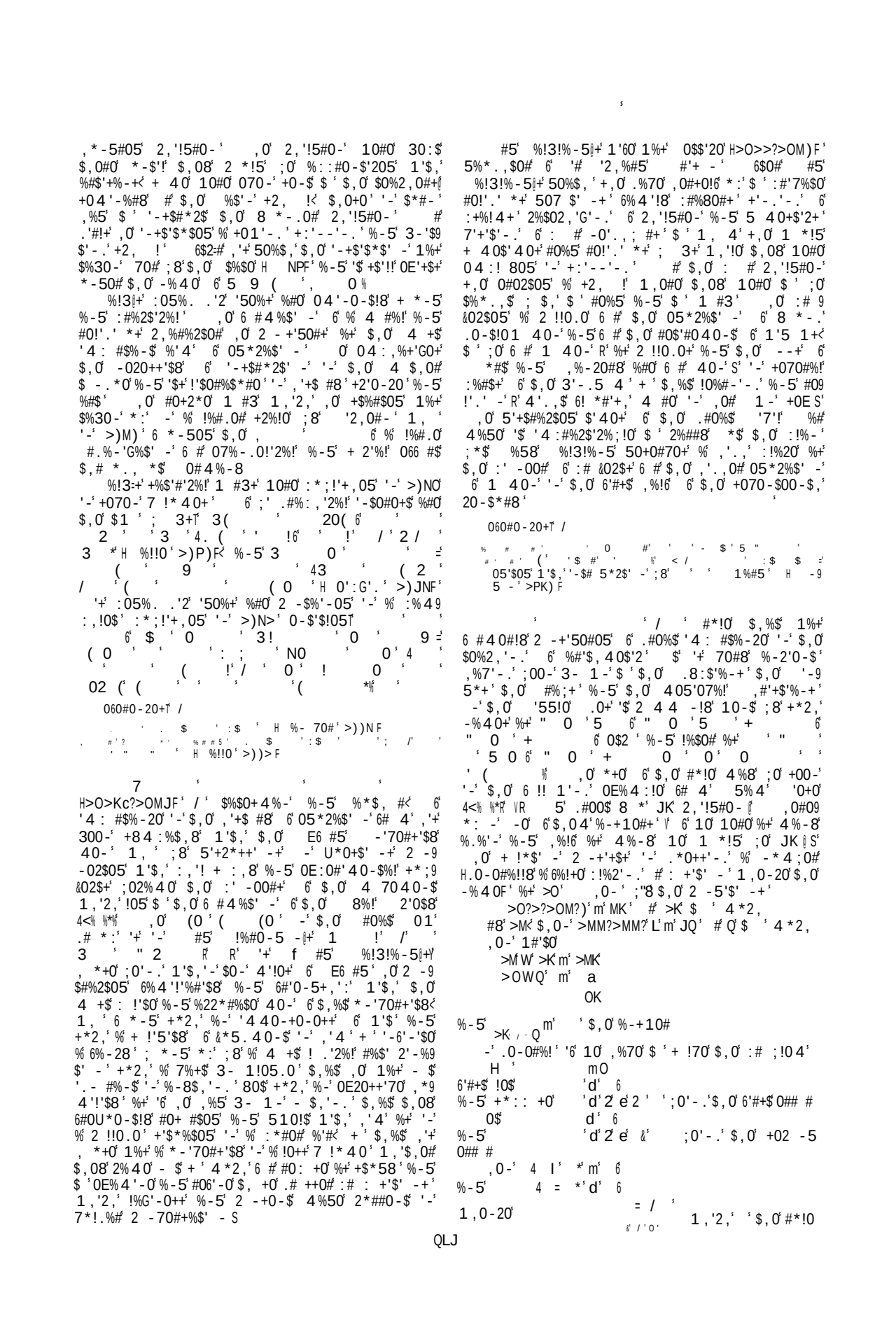
ʻ ʻ/ʻ 00' ʻ %! ʻ4 ʻ * % #'/ ʻ ʻ #6 * 0% #'ʻ ' #'/

ʻ/ʻ ʻ .0-0#%!' $0#4ʻ .'70-ʻ$ʻ$,0'+2, !+ʻ1,'2,ʻ10#0'0+$%;!'+,05'-ʻ -.!%-5'-ʻ$,0'6'#+$',%!6' 6'$,0'-'-0$00-$,ʻ20-9 $*#8'-ʻ6%2$ #'0+ʻ #2! +0'$ʻ6%2$ #'0+ʻ6#*0' 6'05*2%$'-ʻ 6'8*-.'04:!800+ʻ ,0'04:!80#+ʻ '-ʻ 20#$%'-ʻ'-5*+$#'0+ʻ10#0'2 4:0!!05'; 8ʻ6%29 $ #8'%2$+ʻ$ʻ:# 7'50'6 #'$,0'05*2%$'-ʻ 6'$,0' 2,'!5#0-ʻ1, 4ʻ$,08ʻ04:!805ʻ ,*+ʻ$,0'%2$' 6'>)KN' HMN' 0ʻ !!ʻ2'LJFʻ%4 -.ʻ $,0#:# 9 7'+'-+ʻ6 #'$,0'10!6%#0' 6'%::#0-$'20+'-ʻ2 $$ -' %-5' 1 !0-ʻ4'!!+ʻ:# 7'505'6 #'$,0'#05*2%$'-ʻ 5*#'-.':%#$' 6'070#8'1 #3'-.'5%8'6 #'$,0'6'#+$' 6 *#80%#+ʻ 6'$,0'#%:#0-$'20+,':ʻ%-5'%!+ʻ6 #' $,0'#0!'.'*+ʻ05*2%$'-ʻ -ʻ *-5%8ʻ *$'!'$$!0' 1%+ʻ 5 -0'%+ʻ%#0+*!$' 6'$,'+ʻ%2$ʻ%-5'$,0'%2$' 6'>)>P' 4%50' -ʻ05*2%$'-%!':#7'+' -ʻ ,0' %2$ #'0+ʻ 2$+ʻ 6'>)JJ'HJ'%-5'M '!!' ʻ2'>KJF' 6'>)MM'HL'ʻ '0$ʻ2'>JFʻ%-5'>)ML'H>K' '0$ʻ2'NPF' 0E$0-505'$,0':#7'+' -+ʻ$ʻ%-ʻ'-2#0%+05' -*49 ;0#' 6'-5*+$#'0+ʻ%-5'-$# 5*205'$,0',%!6?$'40' +8+$04ʻ;8'1,'2,ʻ-ʻ2,'!5'*-50#0'.,$2 *!5';0' 04:!805'-ʻ%6%2$ #8'%-5'2,'!5#0-ʻ;0$100-'0'.,$ %-5'$,'#$00-ʻ4*+$'%$$0-5'+2, !'6 #'$,#00', *#+'% 5%8'6'04:!805'070#8'5%8'%-5'6'1 #3'-.ʻ -ʻ %!$0#-%$0'5%8+ʻ $,0-ʻ+2, !'%$$0-5%-20'1%+ʻ #0U*'#05'6 #'6'70', *#+ʻ %#0-$+ʻ%-5'04:!80#+ʻ 10#0'4%50'!'%;!0'6 #'-0.!02$< $,0'04:!80#',%5' $ʻ:%8'$,0'+2, !4%+$0#'%:0--8'-ʻ$,0'+,'!!'-.ʻ 6'$,0'2,'!5‡+ 1%.0+ʻ%-5'$,0'+2, !+ʻ10#0':!%205' *-50#$,0'+*:0#7'+' -ʻ 6'$,0'6%2$ #8'-+:02$ #+









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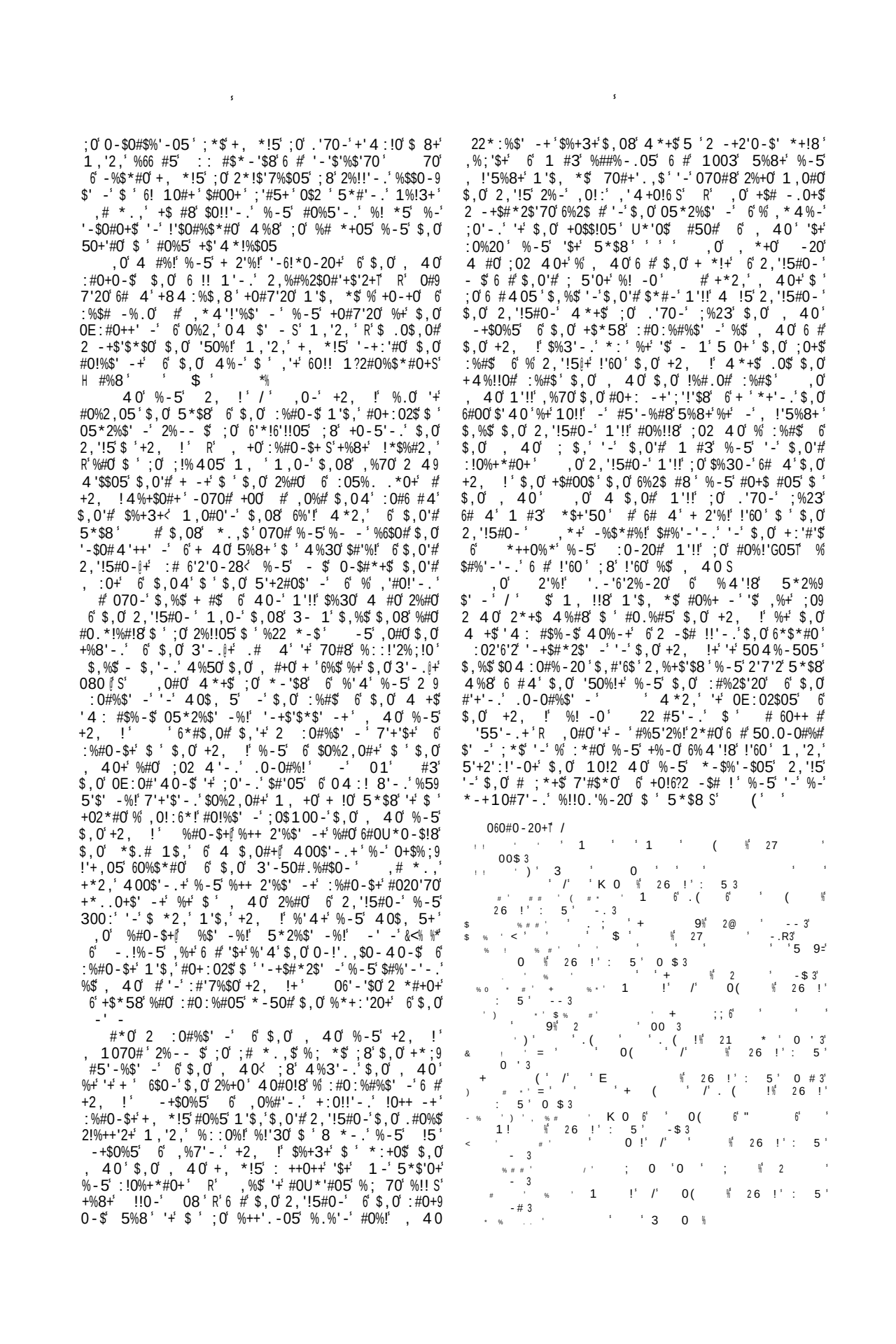

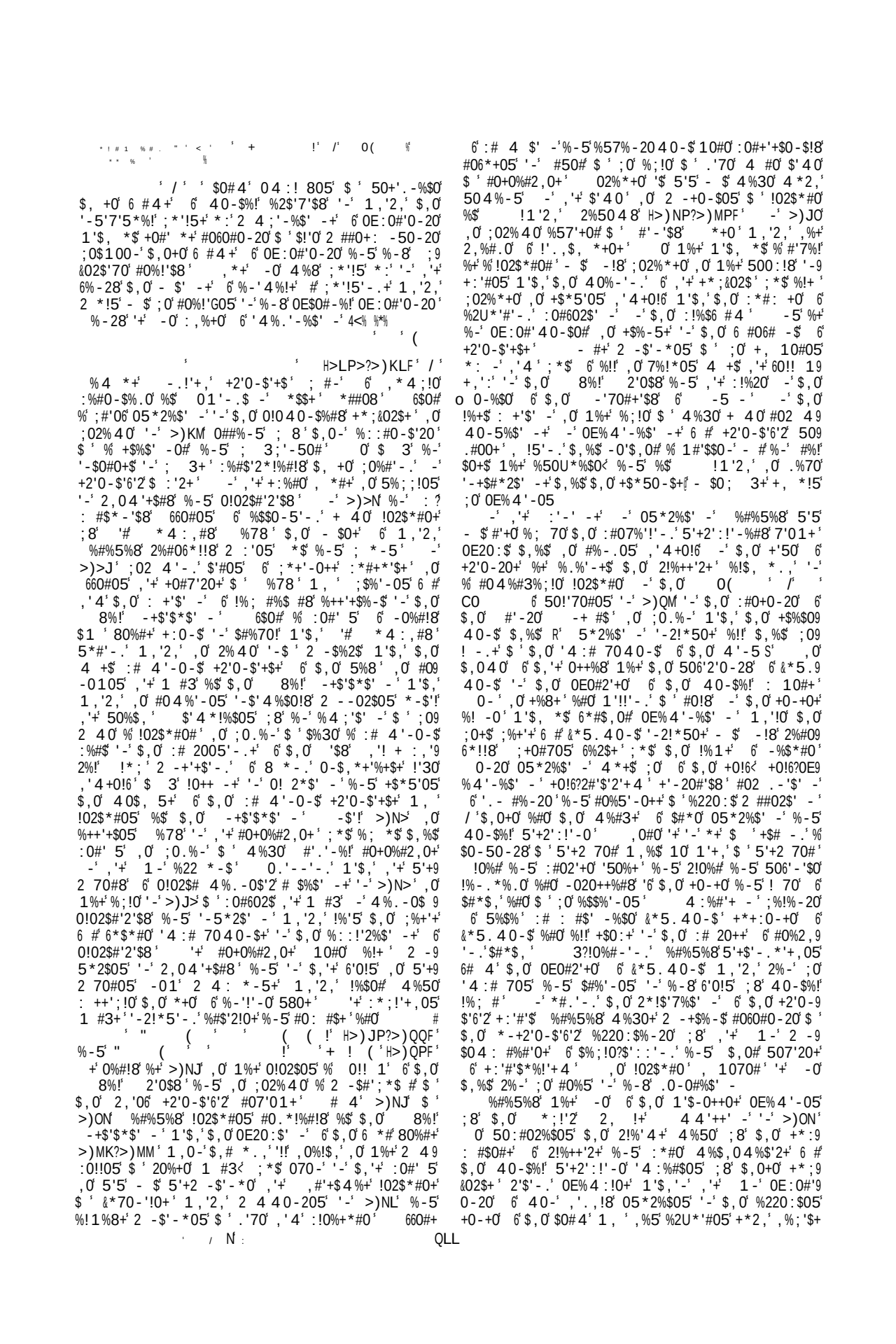

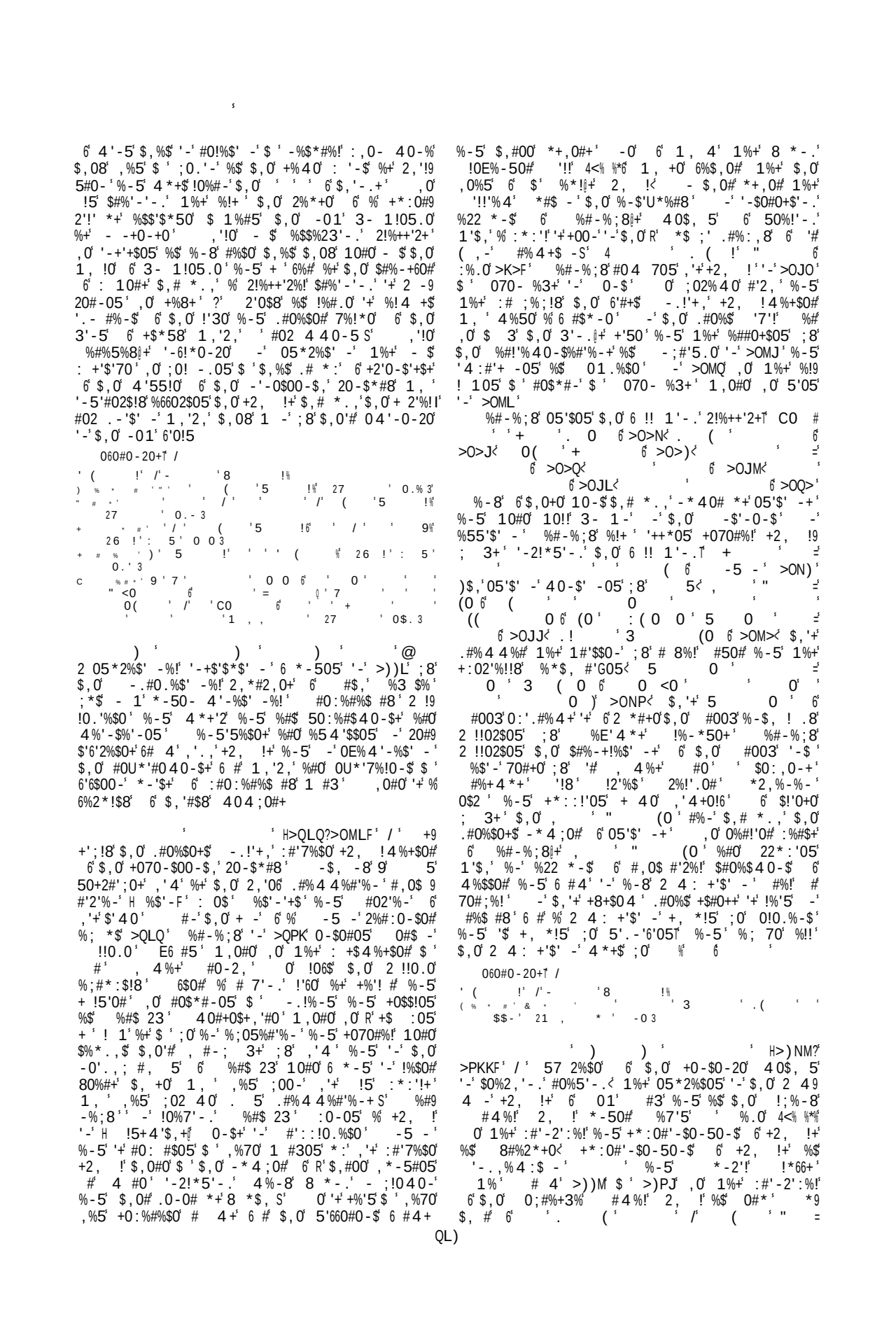

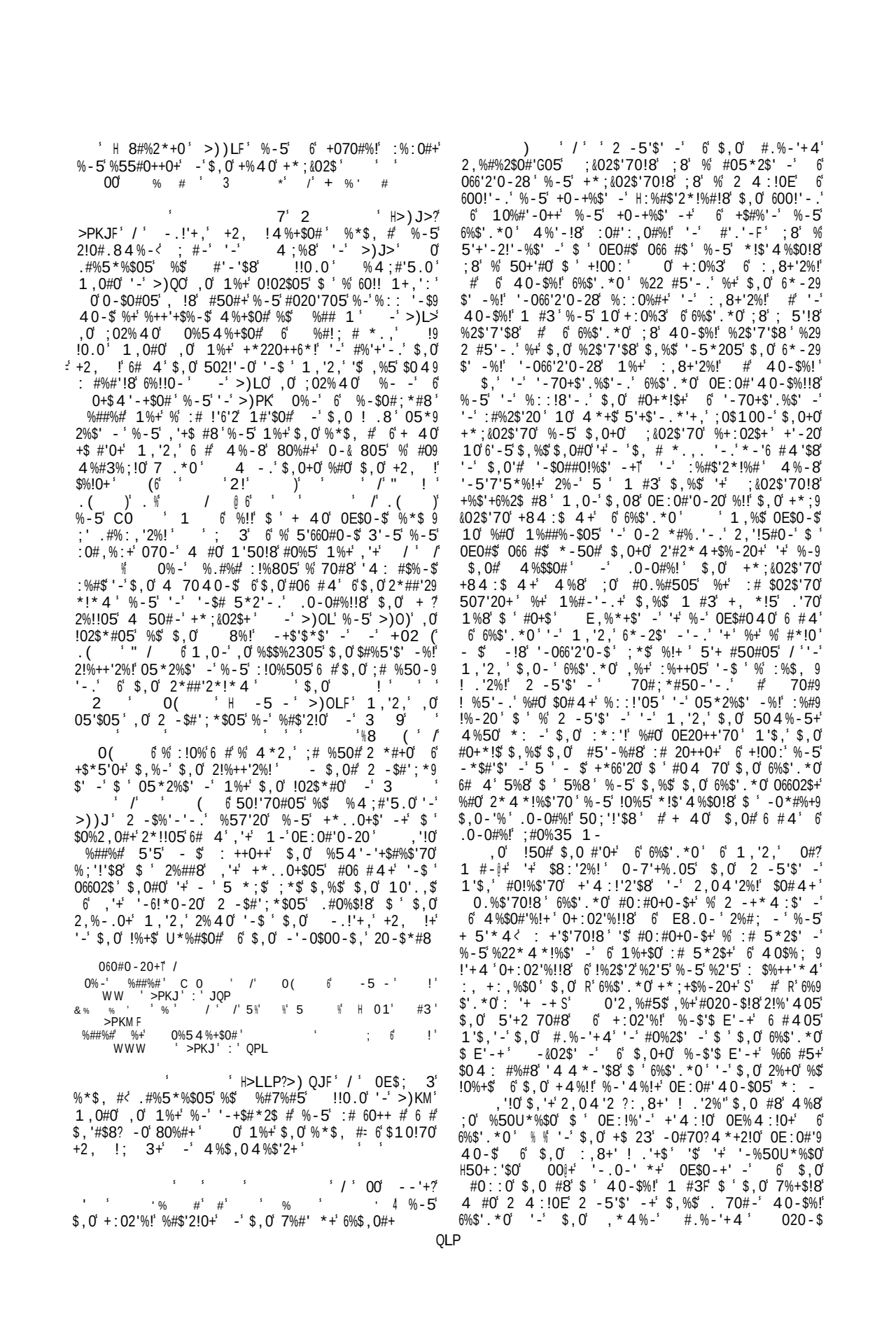

QLP

$,0 #'0+ 6 6%$'.*0 & % % %3*4 %2 *.%!!F +, 1 % $0-50-28 $ 6 !! 1 ,0##'-.$ - %-5 $,0# :,8+' ! .'+$+ '- 0-7'+%.'-.' -0*# 4*+9 2*!%# %2$'7'$8 '-' $0#4+ 6 $,0 R #O6!0E?%#2 2 -9 20:$S %-5 $ *$'!'G0 0+:02'%!!8 $,0 '50% 6 $,0 R #0+'+$%-20 S # R ;! 23'-.'S 6 -0#70 :%$,+ %$ $,0 +8-%:+0+ 6 $,0 -0*# -0+ ,0+0 %#0 %+ 80$, 1070# ;*$ +:02*!%$'70 ,8: $,0+0+ ,0 2 *#+0 6 40-$%!' O66'2'0-28 %+ '+ +, 1 -;0! 1 '+ 2 4 :!'2%$05 ;8 -*40# *+ :+82, ! .9 '2%!' 6%2$ #+ $,0 #05*2$' - 6 1,'2, $:,8+' ! .'2%!' $0#4+ '+ 20#$%'-!8 5'66'2*!$ %-5 :0#,%:+ 6 !'$$!0 :#%2$'2%!' %57%-$%.0

- $,0#'4: #$%-$ $,0 #0$'2%!' :# ;!04 2 -9 20#-+ $,0 U*0+$' - 1,0$,0# 6%$'.*0 '+ .0-0#%! # +:02'6'2 H! 2%!F $ '+ '4: #$%-$;02%*+0 '6 6%$'.*0 +0$*:' -%+:02'6'2 +$#*2$*#0 '+ #%:'5!8 5'++04'-%$05 $,# *., $,0 #.%-'+4 ;8 $,0 2'#2*!%$' - 6 $,0 ;! 5 10 4%8 ,:0 $ 40%+9 *#0 6%$'.*0 '-5'#02$!8< 10 4%8 ,:0 6 # '-9 +$%-20 $ 40%+*#0 $,0 6%$'.*0 6 % +2, !, *# ;8 '$+ O6602$ - 4*+2*!%# 0-5*#%-20 %+ #070%!05 ;8 $,0 0#. .#%:, .'-' '6 6%$'.*0 '+ 0++0-9 $'%!!8 +:02'6'2 $,0-2,%-.0 6 1 #3 1 *!5 ;0 %-' '4: #$%-$ 507'20 6 # 0-+*#'-.' 4%E'4%!' -0$ O66'2'0-28 ,0 $#*$,' %:: 0%#+ $;0 $,%$ 6%$'.*0 '+ ; $,' +:02'6'2 %-5 .0-0#%! 1,0-' '$ 6'#+$ %::0%#+' %-5 1,0-' '$ '+ 4 !5 ' '$ '+ ' -' $,0 4%'- ! 2%!'G05 '-' $,0 %2$'70 +$#*2$*#0+< ;*$ $,0#0 '+ - '+$#'2$ '+ !%$' - 6 $,0 6%$'.*0 O6602$+ ; $,' ;02%*+0 $,0 %2$'70 +$#*2$*#0+ 5'++04'-%$0 $,0'# 1%+$0 :# 5*2$+ $,# *.,' $,0 0-$'#0 #.%-9 '+4 %-5 :# ;%:!8 $ 5#%1 *: - $,0# +$#*29 $*#0+ 6 # % +*::!8 6 0-0#.8 %-5 %!+ ;02%*+0 *# :+82, :,8+'2%!' %2$'7'$8 '+ - $ #0%!!8 %+ +:02'6'2 %+ '$ +004+ - O66 #$6*!' $,'-3'-. 6 # 0E%4:!0 4*+2!0+ '- 7%#' *+ :%#$+ 6 $,0 ; 58 %#0 *-50# +$#%'- 10 4%8 600!' $'#05 '- $,0 ;%23 6 $,0 -023 6# 4 $,0 +!7'-. 6 :# ;9 !04+ '- 40-$%!' %#'$,40$'2

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FAWCETT, HENRY (1833–1884). — English statesman and economist, born at Salisbury. One of the schools which he attended was Queenwood College, an agricultural school established by Mr. George Edmondson somewhat on the lines of Fellenberg's school at Hofwyl. Here Fawcett may have acquired that lifelong interest which he showed in agricultural questions. After attending King's College School in London he proceeded to Cambridge, graduating in the mathematical tripos in 1856, and obtaining a fellowship at Trinity Hall. An accident deprived him of his sight, and diverted him from a career at the bar. He turned his attention to economics, contributed papers to the British Association (1859), and wrote a *Manual of Political Economy* (1863). He was a friend and disciple of John Stuart Mill (*q.v.*). In 1863 he was appointed Professor of Political Economy at Cambridge, and held the position till his death. About this time he devoted himself to politics and entered Parliament in 1865, and with a brief interval remained a member of the House of Commons until his death, rising to the position of Postmaster-General, an office in which he showed great efficiency. He was prominent in Parliament in all questions affecting social welfare and education, and himself declared in a speech, " I started political life caring more about the general education of the people than about any other question that is likely to be discussed in this House." While a member of the Cambridge Union he had opened debates on national education and university reform. He was a strong supporter of the movement to abolish tests for degrees and fellowships at the universities of Oxford, Cambridge, and Dublin. The official government measures for University Reform (1871) he opposed on the grounds that the clerical fellowships and tests in college statutes were not removed. In the universities he desired to see the culmination of a national system of education. He criticized keenly the Education Act of 1870 because the establishment of compulsory education was not made mandatory on local authorities, and he kept up his opposition to " permissive compulsion " until 1880, when compulsory education became imperative. To the agitation for free schools he was opposed on the grounds that, while in establishing compulsory education the State acted as the protector of the young, there was no more reason for making education gratuitous than for the State to provide food and clothing to children. Free schools would reduce the interest of parents in education, and would pauperize; all parents should make a sacrifice for the education of their children, or else receive poor relief and so be stigmatized as paupers. In any case he argued free education merely shifted the burdens, and school support would be indirect. On the question of religious education Fawcett would have preferred to see a system of secular education, and one of the reasons for his breach with the Birmingham League was that it was stirring up " a miserable sectarian squabble." Fawcett was also the spokesman for an extension of the educational provisions to agricultural laborers, whose helplessness was largely due to ignorance. Irish university reform claimed a large share of his attention, as well as the growing demand for the higher education of women, a movement in which his wife, Millicent Garret Fawcett, took a prominent part. Fawcett claimed equal opportunities for the education of women, because he was opposed to restrictions of all kinds, and supported the proposal that women should be admitted to the Cambridge local examinations.

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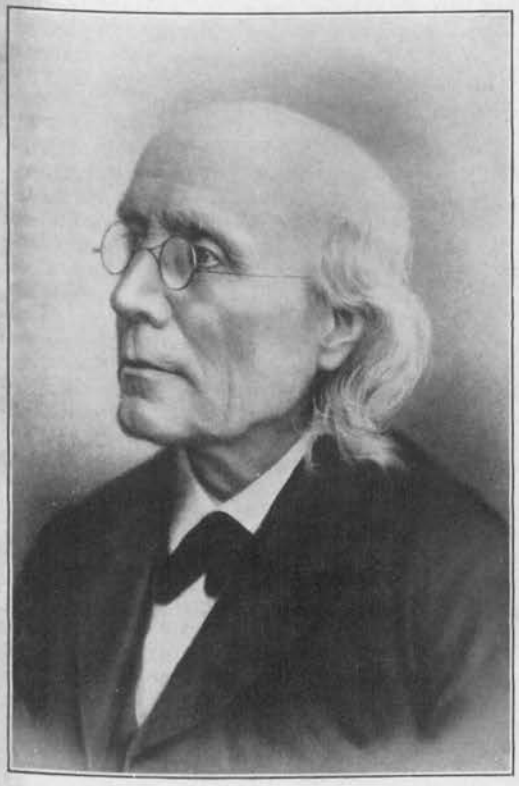
FEAR. — An instinctive recoil from objects that are strange or large or in rapid motion toward one. It is a type of negative reaction. It is protective in its character, and common to all animal forms. C. H. J.

See EMOTIONS; INSTINCT.

FECHNER, GUSTAV THEODOR (1801–1887). — Student of medicine, physicist, philosopher, and founder of psychophysics and quantitative experimental psychology. He embodied a " happy combination of observation and philosophical speculation." He was professor of physics, and later professor of philosophy, in the University of Leipzig. During a period of forty years he made valuable contributions in various fields. He wrote about seventy-five books and articles in the field of physics, mathematics, electricity, physical optics, religion, evolution, æsthetics, ethics, metaphysics, psychology, and psychophysics. He believed in a universal animism; plants, animals, and celestial bodies alike possess souls. He applied the principle of the conservation of energy to the physiological phenomena accompanying consciousness, and gave fifty of his best years to the investigation of the exact relation between the mental and the physical — between the intensity of sensation and the intensity of the stimulus. These researches — notable examples of caution, patience, and erudition — appear in his epoch-making work, *Elemente der Psychophysik.* In this work he collected many scattered observations from physics, astronomy, and biology; gave the results of his own elaborate investigations in the field of tactual, visual, and auditory sensations; offered sundry philosophical generalizations; and formulated the first great uniformity experimentally es-

Gustav Friedrich Dinter (1760–1831).
See p. 331.

Friedrich Adolph Wilhelm Diesterweg (1799–1866).
See p. 328.



Gustav Theodor Fechner (1801–1887).
See p. 582.

Johann Gottlieb Fichte (1762–1804).
See p. 605.

A Group of German Educators and Philosophers.

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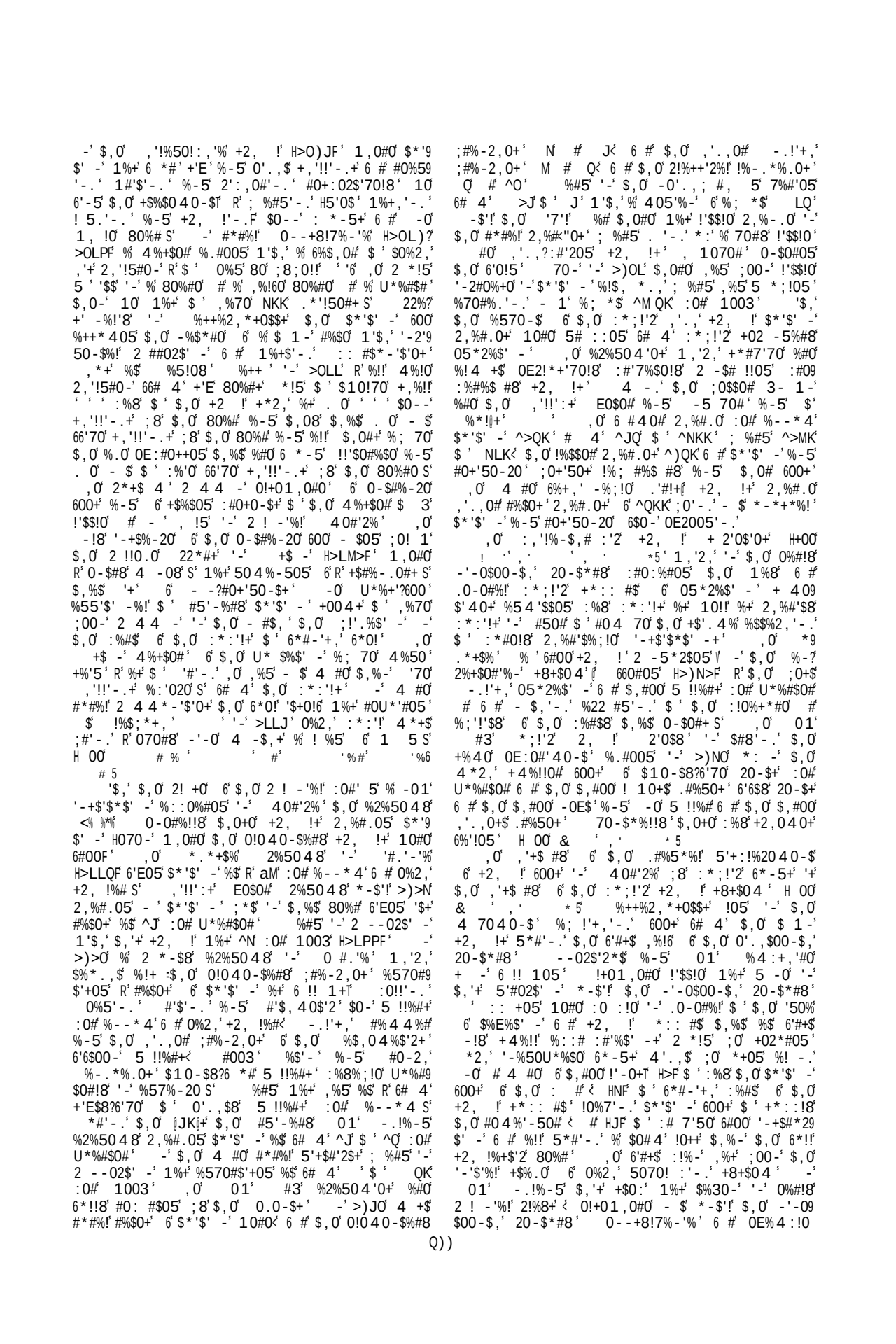

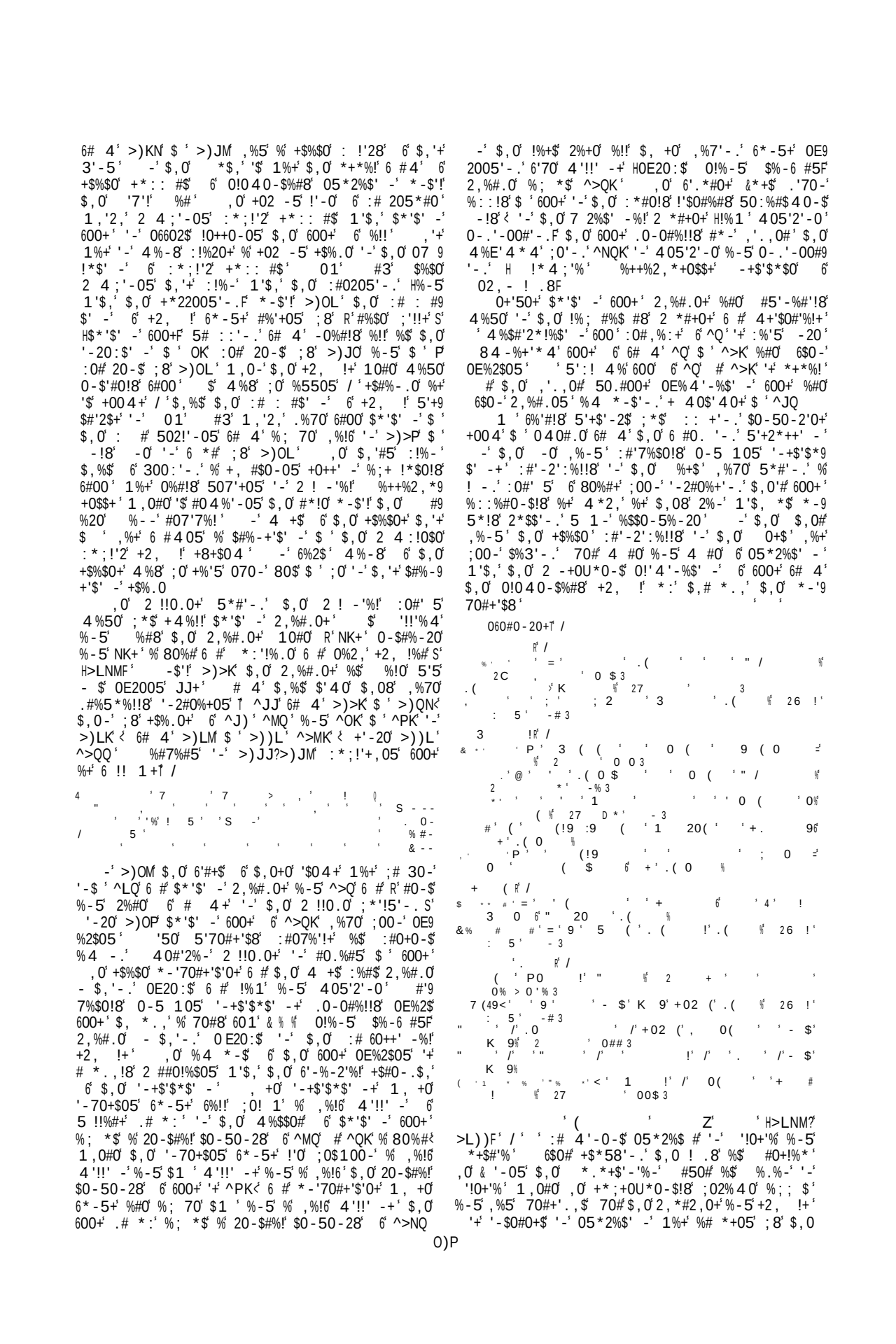

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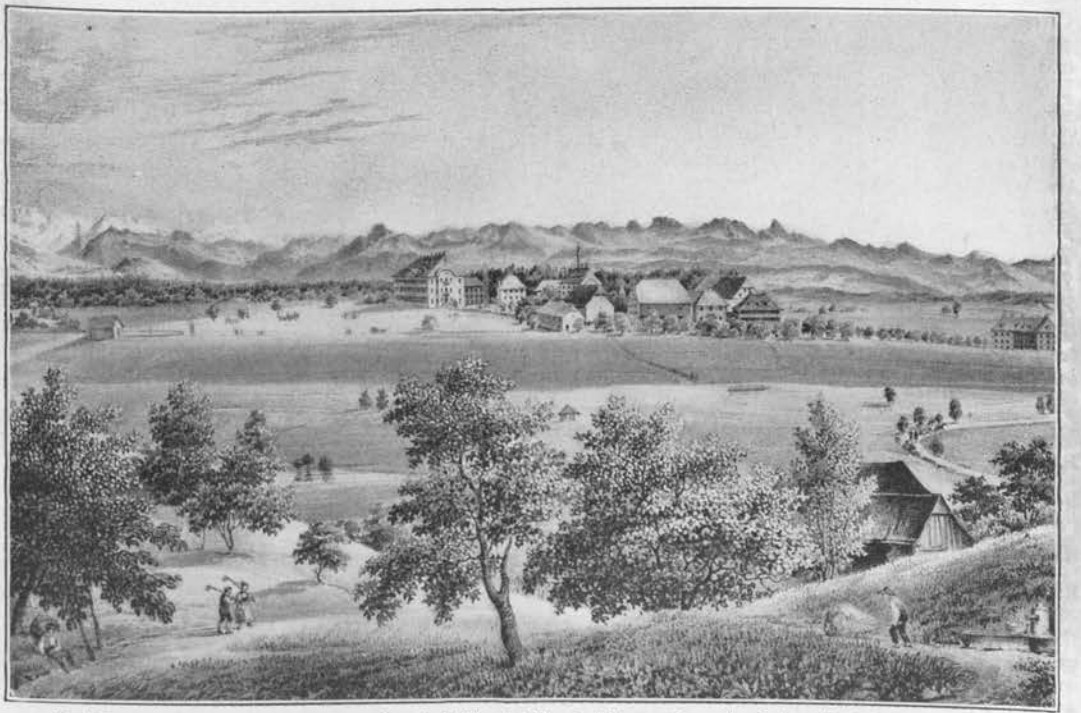
Barn. Stable. School.

Court of the Agricultural School.



Bath House. Practical School. Classical Gymnasium. Agricultural School. Hotel.
Scientific Institute. Workshops of Tailors, Shoemakers, etc.

General View

FELLENBERG'S INSTITUTE AT HOFWYL.

6 !! 10#+' ,'!0' $,0' '-5'7'5*%!' ;0-$' 1%+' $ ' ;0' 6 !! 105' '-' $,0' 2, '20' 6' 7 2%$' -' +%$'+6%29 $' -' 1'$,' -0▯+' +$%$' -' '-' !'60' 1%+' %+' '4 : #$%-$' %' !0++ -' %+' %-8' $,0# 1 #3' 6' $,0' +2, !' -5' '-' $,'+' 1%8' $,0' 7 2%$' -%!' :#0:%#%$' -' 1%+' $ ' ;0' 2 4 ;'-05' 1'$,' 4 #%!' %-5' #0!'.' *+' $#%'-'-.' 5*2%$' -%!!8' $ ' 0!!0-;0#.' #0.%#505' 4%-*%!' %2$'7'$8' %+' $,0' -020++%#8' 2 4 :!040-$' $ ' $,0' +0-+0' :0#20:$' -' %-5' ;&02$' $0%2,'-.' 6' 0+$%?' ! GG'' ,*+' $,0' 4 +$' +'.'6'2%-$' 60%$*#0' '-' $,0+0' +2, !+' 1%+' $,0' :# 7'+' -' 6 #' 4%-*%!' !%; #' 618!' 1%+' %-' 0+$%$0' 1'$,' %-' %#0%' 6' +'E' ,*-5#05' %2#0+' ,0' 2,'06' 22*:%$' -' 1%+' %.#'2*!$*#%!' -$' -!8'6 #'$+' :,8+'2%!' %-5' 4 #%!' '-6!*0-20+' ;*$' $ ' 506#%8' $,0' 0E:0-+0+' 6' $,0' '-+$'$*$' -' # $,0' : # 2,'!5#0-' +*2,' 1 #3' 1%+' 6#%-3!8' 7 2%$' -%!<' 6 # $,0' :*:'!+' '-' $,0' '$0#%#8' -+$'$*$' -' $,0' %'4' 1%+' $ ' :#0:%#0' $, +0' 1,' 1 *!5' + 40' 5%8' ,%70' 0+$%$0+' 6' $,0'# 1-' $ ' %2U*'#0' %-' '-$0!!'.0-$' '-$0#0+$' '-' $,0'# 4%-%.040-$' -' %55'$' -' $ ' $,'+' 22*:%$' -' $,0#0' +:#%-.' *:' $,0#' '-5*+$#'%!' 04:! 840-$+' % ' $,0' 4%-*6%2$*#0' %-5' #0:%'# 6' %.#'2*!$*#%!' '4:!040-$+' %' :#'-$'-.' 0+$%;!'+, 40-$' $,0' 4%3'-.' %-5' #0:%'# 6' 2! $,0+' %-5' $,0# 1 #3' 1,'2,' %!%#.0' '-+$'$*$' -' 5%'!8' 2%!!05' 6 #' ,0' :*:'!+' 6' $,0' : # +2, !' 10#0' 30:$' *:' $ ' $,0' %.0' 6' $10-$8? -0' %-5' $,0'# +$*5'0+' '-2!*505' ;0+'50+' #0%5'-.' 1#'$'-.' %-5' %#'$,40$'2' 5#%19 '-.'+'-.'-.' -%$*#%!','+$ #8' .0 .#%:,8','+$ #8' .0 40$8#' %-5' 40-+*#%$' -' ; $%-8' %.#'2*!9 $*#0' ,%-5?1 #3' %-5' #0!'.' -' 40' 6' $,0+0' :*:'!+' 10#0' !%$0# :# 4 $05' $ ' $,0' ,'.,0# 509 :%#$40-$+' %-5' $#%'-05' %+' $0%2,0#+' -' $,0' ,'.,0# +2, !' % #06 #405' 2*##'2*!* 4' 1%+' '-$# 9 5*205' #0$%'-'-.' $,0' 2!%++'2+' ;*$' %!+' 04:,%9 +'G'-.' 4 50#-' !%-.*%.0+' +2'0-20+' 5#%1'-.' 4*+'2' %-5' $,0' :#%2$'2%!' 1 #3' ,8+'2%!' 0E9 0#2'+0' %-5' 4'!'$%#8' 5#'!!' 6 #405' %-' '4: #$%-$' :%#$ 6' $,0' 1 #3' 6' %!!' :*:'!+' '-' $,0' '-+$'$*$' -' *$' %; 70' %!!' 0!!0-;0#.' !%'5' 04:,%+'+' -' #0!'.' *+' %-5' 4 #%!' 05*2%$' -' ,'!0' #0!'.' -' 1%+' #0.%#505' ;8',' 4' %+' %;%+'+' 6 # 4 #%!'$8' ,0' 5'5' -$' -0.!02$' $,0' 4 #%!' $#%'-'-.' 1,'2,' 2 40+' 6# 4' + 2'%!' 2 -$%2$+' ,0' '-+$'$*$' -' -'% +4%!!' +2%!0' 1%+' % 2 :8' 6' + 2'0$8' 1'$,' '$+' 2!%++' 5'7'+' -+' 1,'2,' 0!!0-;0#.' %220:$05' %+' 5'7'-0!8' #5%'-05' %-5' $,0' '-5'7'5*%!' 1%+' ;*$' % 404;0#' '-' '$<' ,0-20' $,0' #0!%$' -+' ;0$100-' $,0' :*:'!+' 10#0' '4: #$%-$'6 # $,0' 6 #4%$' -' 6' 4 #%!' 2,%#%2$0#' # % $'40' % +8+$04' 6' +0!6?. 70#-40-$' 1%+' $#'05' ;*$' 1%+' %;%-5 -05' -'$,0' 1, !0' 0!!0-;0#.' #0!'05' -' $,0' '-6!*0-20' 6' 0E%4:!0' +$#'2$' 7'.'!%-20' %-5' $,0' 2 4:!0$0' 0#%5'2%$' -' 6' $,0' +!'.,$0+$' 2 ##*:$'-.' '-9 6!*0-20+' 01%#5+' %-5' 2 #: #%!' :*-'+,40-$' '-'+' '6%# %+' $,0+0' %#0' 0E$0#-%!' 6 #4+' 6'+$'4*!*+' 10#0' -' $' 04:! 805<' $#*0' 1 #3' 1%+' '$+' 1-' #01%#5' %-5' %' ; 8' 1,' 40#'$05' 2 #: #%!' :*-9 '+,40-$',%5'-' :!%20' '-' $,0' '-+$'$*$' -' # 4' 618!' 2 ! -'0+' 10#0' +0-$' *$' $ ' -0'.,; #'-.' 5'+$#'2$+<' $,0' ;0+$ 3- 1-' 6' $,0+0' 1%+' $,0' 2 !9 -8' 6' $,'#$8' ; 8+' 1,'2,' 1%+' +0$$!05' '-' >)>0' %$' 083'#2,' %; *$'+'E' 4'!0+' 6# 4' $,0' 20-$#%!' '-+$'$*$' -' 6$0#' $,0' 50%$,' 6' $,0' 6 *-50#' '-' >)MM' $,0' 2,%#.0' 6' $,0' '-+$'$*$' -' 507 !705' -' ,'+' 0!50#' + -' '!!'%4' 1,' %++ 2'%$05' ' ' --'2,' 1'$,' ,'4+0!6' %+' 5'#02$' #' 6' $,0' '$0#%#8' -+$'$*$' -' %-5' $,0' 0%!' 2, !' *$' -0' +2, !' %6$0#' %- $,0#' ,%5' $ ' ;0' 2! +05' *-$'!' ;8' >)M)' - -0' #04%'-05' -' >))M' $,0' 2%-9 $ -%!' - #4%!' +2, !' 1%+' 4 705' 6# 4' ''-2,0-? ;*2,+00' $ ' 618!

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$ 6 *# # 6'70 $; +$*50-$+ '- 2%- - !%1 # 070- 2'7'! !%1 .#%4 4%#'%- 1%+ $; %: : '-$05 $ 1 , 4 - $ -!8 +$*50-$+ '- .#%4 4%# ; *$%!+ %-8 R $,+2, !%#+ S 4'.,$,%7 #02 *#+ $; $%'- '-+$#*2$' - R '- $, %$'- 5'+2 *#+ # '5' 4 S ,- *4;0# 6 +2, !%#+ 1%+ $; 50:0-50-$ - $,6'-%-2'%! #0+ *#20+ 6 $, , *+0 ; *$' 0%2, +2, !%# 1%+ $ #020'70 %- - *%!!8 6'6$8 +,'!!'-.+ H6# 4 1,'2, 1%+ $; 505*2$05 $,2 +$ 6 2 4 4 -+F ,+2, !%#+ 10# $; 5'7'505 -$ 2!%++0+ 6 $10-$8 #$0- '6 -020++%#8< %-5 $,5'+2#00$0+$ 6 $,+2, !%#+ 10# $; 2, +0- %+ :#%0: +$ #+ # 50%-+ 70# $,#0+$ %-5 $ %2$ %+2 %5&*$ #+ 6 $, 1%#50- '- R $,2%#0 6 $,8 *-.0# + #$ %-5 %+ $ $,0'# :# 6'2'0-28 '- +$*58 %-5 . 5 ;0,%7' *# S ,+0 :#%0: +$ #+ 10# $,%7 %+ 401,%$ 4 #0 !';0#%! %!! 1%-20 $,%- $,0 $,0# +2, !%#+ #0 70# ' - 070#8 2,%49 ;0# '- 1,'2, +2, !%#+ #0+'505 -0 1%+ $; 2, +0- 6 4 #0 4%$*#0 %.0 $,%- $,0 $,0#+ R $,%7 %+*:0#'-$0-50-20 70# $,0 $,0# 60!! 1+ S ,# *., *$ $,0+0 U* $%$' -+ 6# 4 $,0 0#$ - $%$*$0+ '$ 1'!! ;0 +00- $,%$ $,0 +$*50-$+ %# R +2, !%#+ S '- #0!%$' - $ ' $,0 2 !!0.0 %-5 R 60!! 1+ S '- #0!%$' - $ ' -0 %-9 $,0# ,0$,0# +0-' # # &*-' #' %!! 10# 2%!!05 +2, !%#+ %-5 '- $,0 1, !0 ; 58 1%#50- %-5 +2, !%#+ 1,%$070# $,0'# +$%-5'-. 1%+ 20-$0#05 $,0 1, !0 2 -$# ! 6 $,0 2 !!0.0 ,0 2 !!0.0+ 2 -+'+$'-. 6 +02*!%# +$*50-$+ '- $#%'-9 '-. %+ +02*!%# 2!0#.8 ;02%40 '-2 #: #%$05 ; 5'0+ 0E%2$!8 :%#%!!0! $ ' $,0 4 -%+$0#'0+ 6 #0.*!%#+ %-5 2%40 $ %2U*'#0 R %+,%#0 6 $,%$ '-6!*0-20 '- $,0 -'70#+'$8 1,'2, $,0 0+$%;9 !'+,40-$ 6 : 10#6*! 4 -%+$0#'0+ ,%5 %!4 +$ 4 - : !'G05 '- $,0 ,%-5+ 6 $,0 0.*!%#+ %-5 1'0!5'-. $,%$ '-6!*0-20 6 # $,0 ;0-06'$ 6 $,0 2, *#2, ' - $,0 %57%-2040-$ 6 $,0 +02*!%# 2!0#.8 1, 6 #!%23 6 +*:: #$%-5 0-2 *#%.09 40-$ '- $,0 -'70#+'$'0+ 10#0 +%5!8 502%805 '- !0%#-'-. S # 4 % :%:%!; *!! 6 >N)K '$ %: :0%#+ $,%$ 0#$ - !!0.0 1%+ 6 *-505 6 # 6 #$8 +2, !%#+ %2%-2'0+ 22*##'-. 10#0 $;0 6'!!05 *:; 8 $,0 *-%-'4 *+ 7 $0 6 $,0 1%#50- %-5 %$!0%+$ +'E +0-' # +2, !%#+ 2%-5'9 5%$0+ 6 $,0 6 *-50#+ 3'- # $, +0 2 4'-.'6# 4 % 5' 20+0 '- 1,'2, $,0 2 !!0.0 ,0!5 :# :0#$8 $,%7 $,0 :#060#0-20 !! $,0 +2, !%#+ 10# #0U*'#05 $ 5'-0 $ .0$,0# '- $,0 #0602$ #8 %-5 -0 6 $,0 +2, !%#+ 1%+ $ #0%5 %! *5 '- %$'- 5*#'-. 40%!+ ,0 1%#50- #020'705 6'6$8 4%#3+ %80%# 6 # ,'+ $%;!0 %-5 ,%5 %!! 1%-20+ 6 # +0#7%-$+ 1%#5# ;0 %-5 , #+0+ -20 % 80%# ,0 ,%5 $ #'50 $ 0E%4'-0 $,0 5'660#0-$ 0+$%$0+ ;0! -.'-.'$,0 , *+0 #020'70 $,0 #0-$+ 6 # $,0 :%+$ 80%# %-5 6'E $,04 6 # $,0 2 4'-. 80%# ,0#0 10#0 %7'20?1%#50- $,#00 # 6 *# 2,%:!%'-+ $,#00 ;*#+%#+ 5-5 6'70 %*5 $ #+ 6 %29 2 *-$+ ;0+'50+ $,0 50%-+ $$0-5%-20 1%+ #0U*'#05 R %+ 6%# %+ $,0'# !0'+*#0 +0#70+ S %$ $,0 2%- -'2%! , *# 6 20!0;#%$' - 6 4%++0+ - , !8 %-5 $,0# 5%8+ ,0 6 *-50# 4%30+ U*'$0 2!0%# 1,%$,0 40%-+ ;8 %60!! 1 '-$,0 6 !! 1'-. %#$'2!0 6 $,0 +$%$*$0+ R !+ $,0

22 1 <5 7# 7 / $ 5 5 < / 1 251 5 256 A O# 5 25 3 # 5 0 # 6 <<2 5 > 5< / 5 / 3 4 5 1 22 0 :B ,0 +2, !%#+ 2 *!5 #0$%'-$,0'# :!%20+ + ! -. %+ $,08 5'5 - $;#0%3 $,0 #*!0+ ;8 4'+2 -5*2$ # %220:$%;0-06'20 # ;02 40 #0.*!%#+ ,08 6'!!05 *:$,0 7%2%-2'0+ '-$,0'# ; 58 , 1070# -*40# *+ $,08 4'.,$;02 40 $,# *., -2#0%+0 6 7%!*0 6 $,0 0+$%$0+ !06$ '-%!!8 $ +, 1 , 1 +0!6?2 -$%'-05 %-5 +0!6?. 70#-05 $,0 , *+0 1%+ '-$,0 0!02$' - 6 $,0 1%#50- +070-' 6 $,0 +0-' # +2, !%#+ 10#0 $ %+3 6 # - 4'-%9 $' - 6 :0#+ -+ R ;0! -.'-. $ $,0 *+0 # 0!+01,0#0 S 6# 4 %!!' $,0 +2, !%#+ $,0-, ,%7'-. ,0%#5 %!! $,08 2 *!5 %+ $ $,0 R 0-0#.8 :# ;'$8 %-5 , -*# S 60%2, +*..0+$05 -%40 $ 2, +0 $,0 ;0+$ $,#00 %-5 $.'70 '-$,0+0 $,#00 -%40+ $ $,0 7'+'$ # 1, 1%+ $ 4%30 $,0 6'-%! 2, '20 #'.'-%!!8 $,0-$,0 2 !!0.0 1%+ $,0 ; 58 4%50 *:6 $,0 1%#50- %-5 $,0 +2, !%#+ %!! !'7'-. -$,0 6 *-5%$' - 1 '$, %!! 1%-20+ %+ +0$$!05 ;8 $,0 +$%$*$0+ '!'7'-.'$,0#0 #5'-%#'!8 $ +$*58 %!! $,0'# !'70+ *-!0++$,08 +, *!5 ;0 :#060##05 $ %;0-06'20 ,08 10#0 %!! 404;0#+ 6 $,0 + 2'0$8 # , *+0 $,0#06 #0 %!! (6 %!! 60!! 1+ 6 -0 %- $,0# ; *$ >JO> '4 -+!':#2,;'+, :6 %-$0#;*#8 6 *-505 % -01 2 !!0.0 2%!!05 %-$0#;*#8 !!0.0 %$ E6 #5 ,0 1%#50- %-5 $,#00 6 $,0 $10!70 60!! 1+ 10#0 0-05'29 $'-0 4 -3+ $,0 $,0# 0'.,$;0'-. +02*!%# +$*50-$+ -> JOQ $,0 %#2,;'+, :0&02$05 $,0 1%#50- %-5 $,0 $,#00 4 -3+ %-5 +*;+$'$*$05 6 *# +02*!%# +2, !%#+ ,0 -01 1%#50- %:9 : '-$05 1%+ $,0 6%4 *+ (,- 82!'6 %-5 %; *$ $,0 +%40 $'40 -01 +$%$*$0+ 10#0 5#%1-' *: ,0+0 +$%$*$0+ 10#0 507'+05 $ 0-2 *#%.0 .#%5*%$0+ $:*#+*0 ,'.,0# +$*5'0+ #%$,0# $,%- *-50#.#%5*%$0 1 #3 ,0 +$%$*$0+ +, 1 R , 1 $, # *.,!8 $,0 '-4%$0+ 6 %-$0#;*#8 !!0.0 10#0 #0.%#505 %+ 404;0#+ 6 -0 6%4'!8 $,0 $0# 4 ' 60!! 1'-; ;0'-.' +$'!! *+05 '-' $+ #'.'-%! +0-+0 6 2 4#%50 ,0 60!! 1+ 10#0 $ 5#0++ %!'30 $ $ %$$0-5 4%++ $ .0$,0# '- $,0 0%#!8 4 #-'-.' $. $,0$,0# $ ' $,0 +2, !+ %22 49 :%-'05 ;8 % +0#7%-$ 1, ' +, *!5 2%##8 $,0'# ; 3+ $ ' $%30 $,0'# 40%!+ $ .0$,0# $ ' . *$ 1%!3'-.' '- 2 *:!0+ %6$0# 70+:0#+ %-5 %$ -',$ $ 22*:8 6 *# # 6'70 2 4 4 - 5 #4 $ #'0+ S 82!'6 %-5 ,'+ 60!! 1+ 10#0 0&02$05 '- >JLK !0-.$,' 6 $'40 1%+ :#0+2#';05 '- $,0 2 !!0.0 $ 1%+ 6 # %+2, !%# #04%'-'-.' '- $,0 2 !!0.0 $ 1%+ % $'40 6 :#0:%#%$' -6 # 2!0#'2%! '60 '- $,0 6'#+$:!%20 ; 8 2%40 $ $,0 *-'70#+'$8 +%8 %$ 6 *#$00- 80%#+ 6 %.0 %-5 $,0 +$%.0+ ;8 1,'2, ,0 %$$%'-05 $ $,0 ,'.,0+$ 50.#00 '- 5'7'-'$8 %-5 ;02%40 % :#'0+$ #%- :%#%!!0! %-5 ; $, %'4+ 4'.,$;0 %$$%'-05 ;8 $10-$8?6'70 80%#+ 6 %.0 ,0 +2, !%#+ -00505 40%-+ 6 +*;9 +'+$0-20 $ #0%2,'$,'+5 *;!0 0-5 070- '6 $,08 10-$ $,# *., %!! $,0 +$%.0+ - #4%!!8 ;0$100- 6 *#$00- %-5 $10-$8?6'70 80%#+ 6 %.0 *$ %+ $,08 1 *!5 7%#8 '- !0-.$,' 6 $'40 - ! '4 $ 1%+ 6'E05 #0 70# %!$, *., +2, !%#+

%#0' $0-%;!0' '-' 2 -&*-26' -' %-5' '-' %55'$' -' $ ' $,0'# +%!%#'0+' %+' , !50#+' 6' 2 !!0.0' 66'20+' % %' ;*#+%#' $*$ #+' 0$2 ' %-5' %$!0%+$ $10-$8?$1 ' %#0' %7%'!%;!0' %+' #5'-%#8' 60!! 1+,':+' ,0' 0!02$' -' '+' 70+$05' '-' $,0' 2 -2'!' H7'G' $,0' 4 %+$0#$ $ .0$,0#' 1'$,' $10!70' 60!! 1+' 6' %$' !0%+$ $,#00' 80%#+' +$%-5'-.'6# 4' $,0'# 6'#+$' 50.#00' 1 , '+,%!!' ;0' 0!02$05' 6# 4' $' 4 0' $ ' $' 4 0' ;8' $,0' 4 %+$0# %-5' 60!! 1+' 6' $,0' 2 !!0.0F' 1 , ' 4 %8' 2%!!' '-' $,0# 60!! 1+' # *$+'50#+' $ ' ,0!:' $ ' %+20#$%'-' $,0' U*%!'6'2%$' -+' %-5':# 6'2'0-28' 6' $,0' 2%-5'5%$0+' ,0' 0!02$ #+' +070#%!!8' 4 *-+$ 4 %30' $,0' 502!%#%9 $' -' R' ' 5 ' + !0 4-!8' 502!%#0' $,%$' ' 1'!! 7 $0' 6 # $,%$' :0#+ -' 1 , ' '+' '-' 48' &*5.40-$' $,0' 4 +$' 6'$' $ ' ;0' % 60!! 1' 6' $,0' 2 !!0.0' %+' % :!%20' 6' 05*2%$' -' #0!'.' -' !0%#-'-.'%-5' #0+0%#2, S' ,0' 6'70' :# 60++ #'%!' 60!! 1+,':+' %$' $' (,-⇩+' !!0.0' %4;#'5.0' %#0' #0+0#705' %+' %55'$' -%!' 04 !*40-$+' $ ' :# 60++ #+' 6' $,0' -'70#+'$8' 6' %4;#'5.0' %-5' %#0' '-' %55'$' -' $ ' $,0' 60!! 19 +,':+' 1,'2,' %#0' ;0+$ 105' -', !50#+' 6' 66'2'%!' : +'$' -+' '-' $,0' 2 !!0.0' 1, ' 5 ' - $' 7%2%$0' $,0'# 60!! 1+,':+' ;8' !%:+0' 6' $'40' ' 60!! 1' %$' $' (,-⇩+' !!0.0' 1, ' ,%+' +0#705' $,0' 2 !!0.0' 6 # $10-$8' 80%#+' '-' + 40' ' 66'2'%!' : +'9 $' - ' 4%8' *-50#' :# 7'+' -+' +:02'6'05' , !5' ,'+' 60!! 1+,':' 6 # !'60' ,0' 60!! 1+' 6' %2 !!0.0' '-' %4;#'5.0' %#0' #5'-%#'!8'2, +0-'6# 4' %4 -.+$.#%5*%$0+' 6' $,%$'2 !!0.0';*$'$,0' 0!02$ #+'*+*%!!8' ,%70' : 10# $ ' 0!02$' % .#%5*%$0' 6# 4' %-8' $,0# 2 !!0.0' '-' $,0' *-'70#+'$8' %-5' .0-0#%!!8' 6# 4' %-8' 2 !!0.0' '-' 0'$,0# $,0' *-'70#+'$8' 6' %49 ;#'5.0' # E6 #5' -' %4;#'5.0' 2 !!0.0+' $,0' 0!02$' -' $ ' 60!! 1+,':+' '+' #5'-%#'!8' 4%50' 1'$,9 *$' %-8' 6*#$,0# +:02'%!' 0E%4'-%$' -' ' (6 $, *.,'$,0' 2 -$#%#8';#%2$'20':#07%'!+'%$' E6 #5' 1,0#0' .#%5*%$0+' 6' -0' 2 !!0.0' 4%8' $#8' 6 # 60!! 1+,':+' %$' $,0# 2 !!0.0+' %-5':#0+0-$ $,049 +0!70+' 6 # 60!! 1+,':' 0E%4'-%$' -+' 0'$,0# '-' $,0'# 1-' #'-'%!4 +$'%-8' $,0# E6 #5' 2 !!0.0' $' 0$0#, *+0' %4;#'5.0' $,0' +$%$*$0+' .'70' : 10# $ ' 0!02$' $ ' -0' 60!! 1+,':' # 4 #0'%':0#9 + -'?'04'-0-$' 6 # +2'0-20' # !0%#-'-.S' 1,0$,0# %.#%5*%$0' 6' %4;#'5.0' # E6 #5' #-$' $' -7'!!0' %-5' %'*+' !!0.0' %4;#'5.0' '$' '+' 0E:!'2'$!8' +$%$05' $,%$' $,0' . 70#-'-.'; 58', %+' : 10#'-' 0!02$'-.'% 60!! 1'$' %$$%2,'%-8'+:02'%!' 2 -5'$' -' $ ' $,0' $0-*#0' 6', '+' 60!! 1+,':' 1,'2,' 4%8' +00 4' $ ' $,04' 50+'#%;!0' '-' $,0' '-$0#0+$+' 6' $,0' 2 !!0.0' -' $,0' :%+$' 60!! 1+,':+' ,%70' ;00-' ,0!5' 6#00' 6# 4' %-8'+:02'6'05' # 070-' '4:!'05' ;9 !'.%$' -' $ ' 2 -5*2$' %-8'+:02'%!' #0+0%#2, ' # $ ' $0%2, ' # $ ' 1#'$0' %; 3' ,0' 2 !!0.0' 1%+' % 2 #: #%$' -' $%3'-.'+$0:+' $ ' :# 7'50' 6 # '$+' :0#:0$*%!' 2 -$'-*%-20' $,# *.,'% +*220++' -' 6' 60!! 1+' $'-+'+$05' -'%-'%$4 +:,0#0' 6'! 8%!$8' $ ' %!' $,0' $#%5'$' -+' 6' $,0' 6 *-5%$' -' %-5' '$+' 5070! :40-$+' %-5' #0!'05' *: -' $,0' 0E0#2'+0' 6' .0-0#%!' :0#+ -%!' '-6!*0-20' #%$,0# $,%-' %-8' !'$0#%#8' *$:*$' ,0' 5070! :40-$ 6'+2, !%#9 +,':' $, *.,' - $' 0E:!'2'$!8' 504%-505' ;02%40' :%#$' 6' $,0' $#%5'$' -' %-5' %-8' 5'.-'6'05' %-5' *$+$%-5'-.' 1 #3' 5 -0' ;8' % 60!! 1' 1%+' 10!9 2 405' %+' %55'-.'$ ' $,0' 10%!$,' 6' $,0' 2 !!0.0' $#%5'$' -

*$' - $1'$,+$%-5'-.'$,0' .#0%$' 7%#'0$8' '-' $,0' 2 -5'$' -+' 6' %1%#5' $,0' *-%-'4 *+' $0-50-28' '-' $,0' 2 !!0.0+' 6' ; $,'*-'70#+'$'0+' - 1' '+' $ ' %1%#5' #5'-%#8' 60!! 1+,':+' -' %-5' 6 # #0+0%#2,' 1 #3' %-5' - $' 40#0!8' %+' :#'G0+' 6 # . 5' %2%504'2' 1 #3' ,0#0' '+' %-' '4:!'2'$' *-50#$%3'-.' -' $,0' :%#$' 6' 60!! 1+' $' :# 4 $0' '-' + 40' #0%!' $, *.,' - $' *+*%!!8' 506'-05' 1%8' $,0' %57%-2040-$' 6' !0%#-'-.' ,0#0' '+' + 40$'40+' $,0' 0E:!'2'$' *-50#+$%-5'-.' $,%$' $,0' 0!02$05' 60!! 1' R' 2 -9 $'-*0' $ ' :# 4 $0' ,'+Á #0+0%#2,'-.'S' '-' + 40' 506'-'$0' +$*58

-' $,0' E6 #5' 2 !!0.0+' 60!! 1+,':+' %#0' *+*%!!8' %1%#505' %6$0#' %2 4:0$'$'70' 0E%4'-%$' -' %-5' %+' %!#0%58' +$%$05' 2%-5'5%$0+' %#0' #020'705' #9 5'-%#'!8' %$' 5'660#0-$' 2 !!0.0+' 6# 4' $,%$' 6' 1,'2,' $,08', %70' ;00-' 404;0#+' %+' *-50#.#%5*%$0+' !' *!+⇩' !!0.0' %$' E6 #5' '+' %2 !!0.0' '-' 1,'2,' $,0#0' %#0' -' *-50#.#%5*%$0+' + $,%$' '$2 -+'+$+' + !0!8' 6' % 1%#50-' %-5' 60!! 1+' 1'$,' $1 '2,%:9 !%'-+' %-5' 2!0#3+' # 7'+' -' '+' 4%50' 6 # 6 #$8' 60!! 1+,':+' '-' %!!' + 40' :0-' %-5' + 40' #0+0#70"' 6 # +:02'%!' :*#: +0+' $' %.5%!0-' !!0.0' E6 #5' $,0' 60!! 1+,':+' H;8' $,0' +$%$*$0+' 6' >))NF' %#0' $ ' -*4;0# -$'!0+'+$8' %-' $,'#$8' - # 4 #0' $,%-' 8 #$8' *-50#' $,0' +%40' 2 -5'$' -+' %+' !!' *!+⇩' -' %55'$' -' $ ' $,0' 2 !!0.0' 60!! 1+,':+' $,0#0' %#0' %$' E6 #5' $1' #%70-' *-'70#+'$8' 60!! 19 +,':+' %-5'$,#00' %52!'660' $#%70!'-.'60!! 1+,':+' # $,0' #%70-' 0!02$' -' 4%8' ;0' 4%50' 1'$,' # 1'$, *$ 0E%4'-%$' -' ,0' 60!! 1+,':' '+' $0-9 %;10' 6 # $1' 80%#+' %-5' 0'.,$ 4 -$,+' 6' 0%2, ' 80%#' 6' $0-*#0' 4*+$';0' +:0-$ %;# %5' '-' +$*58' '-' + 40' :!%20' %::# 705', ;8' $,0' 0!02$'-.'; %#5' ,0' %52!'660' $#%70!'-.'60!! 1+,':+' %#0' %1%#505' $ ' 0-2 *#%.0' $,0' +$*58' 6' 405'2%!' +2'0-20' %-5' $,0' 60!! 1+' %#0' #0U*'#05' $ ' +$*58' %;# %5

,0' -010#' *-'70#+'$'0+' '-' #0%$' #'$%'-' %-2,0+$0#' '70#: !' '#4'-.,%4' 005+' ,066'0!5'%-5' $,0' -'70#+'$8' 6' %!0+' %!' ,%70' 60!! 1+,':+' *+*%!!8' 6' $,0' 7%!*0' 6' 6# 4' □□' $ 'a>QK'% 80%#'%1%#505' $ '#020-$' 5'+$'-.*'+,05' .#%5*%$0+' $ ' *-50#$%30' +:02'%!' +:02'6'05' #09 +0%#2,'1 #3''-' #0%$' #'$%'-' #%;# %5'6 # -0' $1' # $,#00' 80%#+' -' $,0+0' %1%#5+' +$%$09 40-$' 6' $,0' :# : +05' +*;&02$' 6' #0+0%#2,' '+' 4%50' ;8' 0%2,'2%-5'5%$0' %-5' $,0' :*#+*'$' 6' $,0' #0+0%#2,' '+' ;!'.%$ #8' -' $,0' 0!02$05' 60!! 1' '-' $,0' :!%20' H%$' , 40' # %;# %5F' %.#005' *: -' ;8' $,0' 0!02$'-.' ; %#5' 6' $,0' *-'70#+'$8' %-5' ,'4+0!6

-' $,0' 2 $2,' *-'70#+'$'0+' $,0#0' %#0' 4%-8' 60!! 1+,':+' 1'$,' 4%-8' 7%#'05' 2-5'$' -+' %!' # -0%#!8' %!' %1%#505' -' 0E%4'-%$' -+' ' (6 # -' 5'++0#$%$' -+' # -' ; $,' ,08' %#0' *+*%!!8' $0-%;!0' 6 # $,#00' # 6 *#' 80%#+' %-5' 7%#8' '-' 7%!*0' 6# 4' %; *$' a)K' $ ' aNKK' % 80%#' -' $,0' ,%1' 0!! 1+,':' '-' 0-$%!' ,'! + :,8' '-' $,0' -'70#+'$8' 6' 5'-;*#.,' $,0' ,!50# 4%8' ;0' #0U*'#05' '-' $,0' 6 *#$,' # 6'6$,' 80%#' 6' $0-*#0' $ ' 50!'70#' % 2 *#+0' 6' 6 *# !02$*#0+' '-' $,%$' *-'70#9 +'$8' $, *.,'.#%5*%$0+' 6' %-8' 2 $2,' *-'70#+'$8' 4%8' 2 4:0$0' 6 # $,0' 60!! 1+,':

-' $,0' -'70#+'$8' 6' *;!'-' H6 *-505' >LP>F' $,0' 2 -5'$' -+' 6 # 60!! 1+,':+' 10#0' 6 *-505

#’.’-%!!8‘ -‘ $,0‘ *+%.0‘ 6‘ #’-’$8‘ !!0.0‘ %4;#’5.0‘ ,0#0‘ ’+‘ %‘ # 7 +$‘ %-5‘ +070-‘ +0-’ # 60!! 1+‘ ’-‘ 1, +0‘ ,%-5+‘ 2,’06!8‘ ’+‘ $,0‘ %54’-’+$#%$’70‘ +’50‘ 6‘ $,0‘ 2 !!0.0‘ ,0#0‘ %#0‘ $10-$8?+’E‘ &*-’ # 60!! 1+‘ 6‘ 1, 4‘ 6’6$00-‘ %#0‘ $*$ # 60!! 1+‘ (*-’ # 60!! 1+,’:+‘ %#0‘ %1%#505‘ -‘ 0E%4’-%$’ -‘ ,0#0‘ %#0‘ -‘ 2 -5’$’ -+‘ 6‘ #0+0%#2,‘ ’4: +05‘ ;*$‘ ’-‘ 2 *#+0‘ 6‘ $’40‘ $,08‘ #5’-%#’!8‘ !0%5’ *:‘ $‘ $*$ #+,’:+‘ ’6‘ $,0‘ 60!! 1’ #04%’-+‘ ’-‘ $,0‘ 2 !!0.0‘ ,0‘ +0-’ # 60!! 1+,’:+‘ %#0‘ 2, +0-‘ 6# 4‘ $,0‘ &*-’ # 60!! 1+‘ %-5‘ $,0‘ 66’20+‘ 1,’2,‘ %#0‘ 2 -&‘-$‘ %#0‘ 7%!*%;!0‘ %:9 :’-$40-$+‘ -‘ $,0‘ -01‘ 8%!‘ -’70#+’$8‘ 6‘ #0!%-5‘ &*-’ # 60!! 1+,’:+‘ %#0‘ 6‘ $,0‘ 7%!*0‘ 6‘ □□‘ %‘ 80%#’6 #6 *# 80%#+‘ ’-‘ 1,’2,‘ -‘ $0%2,9 ’-.‘ 4*+$‘ ;0‘ *-50#$%30-‘ ,08‘ %#0‘ %1%#505‘ 6$0-‘ %4 -.+$‘ .#%5*%$0+‘ 6‘ $1‘ 80%#+‘ +$%-5’-.

(‘ ‘ ‘ ‘ ‘

00‘ ; ! #*4 ,’ % * *

-’$05‘ $%$0+‘ /‘ -‘ $,0‘ -’$05‘ $%$0+‘ % 60!! 1+,’:’+‘ -1’%-‘ %:: ’-$40-$‘ #5’-%#’!8‘6 # % +’-.!0 80%#’ 2%##8’-.’ % +$’:0-5‘ $‘ 0-%;!0‘ % +$*50-$‘ $‘ 2 4:!0$0‘ $,0‘ #0U*’#040-$+‘ 6 #‘ $,0‘ , ‘ 50.#00‘ # !0+‘ 6#0U*0-$!8‘ 6 # %57%-205‘ :# 60++’ -%!‘ 1 #3‘ $‘ ’+‘ - $‘ %+‘ ’$‘ +$’!!‘ ’+‘ ’-‘ -.!%-5‘ %‘ 4 #0‘ # !0+‘ :0#4%-0-$‘ $’$!0‘ %-5‘ $,0‘ 60!! 1‘ ,0#0‘ ,%+‘ -‘ 7 ’20‘ ’-‘$,0‘ . 70#-40-$‘ 6‘ $,0‘ ’-+$’$*$’ -‘ #%20+‘ 6‘ $,0‘ !50# 40%-9 ’-.‘ 4%8‘ +$’!!‘ ;0‘ 6 *-5< 6 # 0E%4:!0‘ $,0‘ 2 #: 9 #%$0‘ $’$!0‘ 6‘ %#7%#5‘ -’70#+’$8‘ ’+‘ R ,0‘ #0+’9 50-$‘ %-5‘ 0!! 1+‘ 6‘ %#7%#5‘ !!0.0 S

,0‘ 6’#+$‘ 40#’2%-‘ 60!! 1+,’:’ ’-‘ $,0‘ :#0+0-$‘ +0-+0‘ 6‘ $%,0‘ 1 #5‘ 1%+‘ $,0‘ %28‘ 60!! 1+,’:‘ 0+$%;!’+,40-$‘ 6‘%60!! 1+,’:‘ ,%+‘ ;02 40‘ % 6%7 #’$0‘ 6 #4‘ 6‘ ;0U*0+$‘ # 404 #’%!‘ .’6$‘ :%#$!8‘ ;02%*+0‘ $,0#0‘ %#0‘ 2 4:%#%$’70!8‘ 601‘ :0#4%-0-$‘ *+0+‘ 6 #6*-5+‘ $ ‘ +4%!!‘ $‘ 0-5 1‘ :# 60++ #+,’:+‘ # 0#02$‘ ;*!5’-.+

,0‘ :#0+0-$‘ 5070! :40-$‘ 6‘ $,0‘ +8+$04‘ 4%8‘ ;0‘ +00-’6# 4‘%#0: #$‘ 4%50‘ ’-‘ >PK0‘ ;8‘ #0+’50-$‘ $%-!08‘ %!!‘ 6‘ !%#3‘ -’70#+’$8‘ #0.%#5’-.‘ $,0‘ 60!! 1+,’:+‘ %-5‘ +2, !%#+,’:+‘%7%’!%;!0‘ ’-‘$,0‘ ’-+$’$*$’ -+‘ %$‘ $,%$‘ $’40‘ 404;0#+‘ 6‘ $,0‘ ++ 9 2’%$’ -‘ 6‘ 40#’2%-‘ -’70#+’$’0+< %!’6 #-’%‘ %$, !’2‘ ,’2%. ‘ !%#3‘ !*4;’%‘ #-0!!‘ %#7%#5‘ (,-+‘ :3’-+‘ ’2,’.%-‘ 0--9 +8!7%-’%‘ #’-20$ -‘ $%-6 #5‘ ’#.’-’%‘ ’+9 2 -+’-‘ %!0‘ 6‘ $,0+0‘ $%-6 #5‘ ,%+‘ -‘ 60!! 1+,’:+‘ ,0‘ $,0#+‘ .’70‘ % 6%’#!8‘ %22*#%$0‘ :’2$*#0‘ 6‘$,0‘2 -5’$’ -+‘$,# *., *$$,0‘ -’$05‘ $%$0+’$, *.,’’$ 4*+$;0‘#040 4;0#05‘$,%$ 4 +$‘ 6‘$,0‘ 4 #0‘#’2,!8‘0-5 105‘ %-5‘ +*:: #$05‘ ’-9 +$’$*$’ -+‘ %#0‘ ’-2!*505‘ ’-‘ $,’+‘ !’+$

,0‘ 5’+$’-2$‘ -‘ ;0$100-‘ 60!! 1+,’:+‘ %-5‘ +2, !%#+,’:+‘ ’+‘ 70#8‘ 2 -6*+05‘ %-5‘ $,0‘ 2 -5’9 $’ -+‘ 6‘ %1%#5‘ %-5‘$0-*#0‘ %#0‘ 6%#6# 4‘ *-’6 #4‘ -‘ 4%-8‘ 2%+0+‘ $,’+‘ ’+‘ 5*0‘ $‘ $,0‘ $02, -’2%!‘ 1 #59 ’-.‘ 6‘ ;0U*0+$+‘ -‘ $,0‘ 6 !! 1’-.’ +$%$’+$’2+‘ %-8‘ %:: ’-$40-$‘ 6‘ %-‘ %--*%!‘ 7%!*0‘ 6‘ ^JQK :!*+‘ $*’$’ -‘ 2,%#.0+‘ ’6‘ %-8‘ ,%+‘ ;00-‘ ’-2!*505‘ %4 -.‘ $,0‘ 60!! 1+,’:+‘ %-5‘ %-8‘ %:: ’-$40-$‘ 1’$,‘ % +4%!!0# +$’:0-5‘ %4 -.‘ $,0‘ +2, !%#+,’:+‘ #’-.’-.‘ #0+’50-$‘ %!!‘ 6’.*#0+‘ *:‘$‘ $,0‘ 80%# >P>>‘ $,0‘ $ $%!‘ -*4;0# 6’60!! 1+,’:+‘ ’-‘ $,0+0‘ $,’#$00-‘ ’-+$’$*$’ -+‘ NLN‘ 6‘ % $ $%!‘ %--*%!‘ 7%!*0‘ 6‘ ^>JP NQK‘ %; *$‘ ,%16‘ 6‘ 1,’2,‘ 2 40+‘ 6# 4‘ +:02’%!‘ 60!! 1+,’:‘ 0-5 140-$+‘ %-5‘ ,%16‘ 6# 4‘ .0-0#%!‘ *-’70#+’$8‘ 6*-5+‘ ,0‘ $ $%!‘ -*4;0# 6‘ .#%5*%$0‘ +2, !%#+,’:+‘ 0E2005+‘ MKK

,0‘ $ $%!‘ %--*%!‘ %:: #’%$‘ -‘ 6 # 60!! 19 +,’:+‘ %-5‘ +2, !%#+,’:+‘ ’-2!*5’-.‘ $,0‘ +2, !%#9 +,’:+‘ %7%’!%;!0‘ ’-‘ $,0‘ :# 60++’ -%!‘ +2, !+‘ %-5‘ ’-‘ $,0‘ *-50#.#%5*%$0‘ 2 !!0.0‘ 4%30+‘ -‘ ’-2 -9 +’50#%;!0‘ ’$04‘ ’-‘ $,0‘ *-’70#+’$8‘ ;*5.0$+‘ $‘ %#7%#5‘ %-5‘ !*4;’%‘ ’$‘ %4 *-$+‘ $‘ 4 #0‘ $,%-‘ ^ □□ □□□‘ :0# %--*4

,0‘ 60!! 1+,’:+‘ #%-.0‘ ’-‘ %--*%!‘ 7%!*0‘ 6# 4‘ ^>KK‘ $‘ -0%#!8‘ ^>QKK‘ $,0‘ +$’:0-5‘ 6‘ $,0‘ (,-9 +$ -‘ %:: ’-$40-$+‘ %$‘ (,-+‘ :3’-+‘ ,0‘ - #4%!‘ +$’:0-5‘ ’+‘ :0#,%:+‘ ^QKK‘ -‘ 0-5 105‘ ’-+$’$*$’ -+‘ 1,0#0‘ $*’$’ -‘ 600+‘ %#0‘ 2,%#.05‘ $,0‘ %4 *-$‘ ’+‘ -%$*#%!!8‘ ,’.,0# $,%-‘ ’-‘ $,0‘ +$%$0‘ ’-+$’$*$’ -+‘ 1,0#0‘ $*’$’ -‘ ’+‘ 6#00‘ %-5‘ $,0‘ 60!! 19 +,’:+‘ ’-‘ $,0‘ 2’$8‘ *-’70#+’$’0+‘ 1’$,‘ $,0’# ,’.,’ !’7’-.‘ 0E:0-+0+’%#0‘ !’30!8‘ $‘ ;0‘ !%#.0#$,%-‘ $, +0‘ ’-‘ $,0‘ #*#%!‘ ’-+$’$*$’ -+‘ 1,0#0‘ ’+‘ $,0#0‘ 6 *-5‘ %+‘ 0!%; #%$0‘ # %+‘ ,’.,!8‘ 0-5 105‘ % +8+$04‘ %+‘ $,%$‘ 6 #‘ $,0‘ , 50+‘ +2, !%#+,’:+‘ 1,’2,’+‘ 6%#’ %+‘ $,0‘ 40#’2%-‘ +2, !%#+‘ %#0‘ 2 -9 20#-05‘ ’+‘ :#%2$’2%!!8‘ % 60!! 1+,’:’ +8+$04

,0‘ 6’.*#0+‘ .’70-‘ %; 70‘ 5‘ -‘ $’.’70‘ $,0‘ $%!‘ %’5‘ #0-50#05‘ ’-‘ $,0+0‘ ’-+$’$*$’ -+‘ $‘ 2%-5’5%$0+‘ 6 #‘ $,0‘ 5 2$ #+‘ 50.#00‘ $’ ’+‘ *+*%!!8‘ $%2’$!8‘ *-50#+$ 5‘ $,%$‘ %++’+$%-$+‘ %#0‘ $‘ 507 $0‘ % 2 -9 +’50#%;!0‘ : #$’ -‘ 6‘ $,0’#$’40‘ $‘ .#%5*%$0‘ 1 #3‘ 6 #‘ 1,’2,’-‘ $*’$’ -‘ 600‘ ’+‘ 2,%#.05‘ 57%-205‘ 1 #3‘ ’+‘ %!+‘ 5 -0‘ *-50# .#%-$+‘ 6# 4‘ $,0‘ %#9 -0.’0‘ -+$’$*$’ -‘ %-5‘ $,0#+’4’!%#0-5 140-$+‘ # ’-‘ +0:%#%$0‘ ’-+$’$*$’ -+‘ +*2,‘ %+‘ $,0‘ 2309 60!!0#‘ -+$’$*$0‘ 0-‘ -‘ :0#4%-0-$‘ %:: ’-$9 40-$‘ ’-‘ +4%!!0#‘ ’-+$’$*$’ -+‘ $ ‘ %#0‘ 6$0-‘ .’70-‘ !0%70‘ 6‘ %;+0-20‘ -‘ ,%16‘ :%8‘ $‘ 0-%;!0‘ $,04‘ $‘ 2 4:!0$0‘ $,0‘ 1 #3‘ 6 #‘ $,0‘ 5 2$ #+‘ 50.#00‘ %$‘ -0‘ 6‘ $,0‘ *-’70#+’$’0+

:: ’-$40-$+‘ $‘ ’*-’70#+’$8‘ 60!! 1+,’:+‘ %-5‘ .#%5*%$0‘ +2, !%#+,’:+‘ %#0‘ %-- *-205‘ :*;!’2!8‘ %-5‘ $,0‘ %:: ’-$40-$‘ ’+‘ #0.%#505‘ %+‘ :%#$‘ 6‘ $,0‘ %2%504’2‘ ‘ 6‘ $,0‘ ’-2*4;0-$‘ # 7’+’ -‘ ’+‘ %!1%8+‘ 4%50‘ 6 #‘ % +$*50-$‘ 6‘ ,’.,’ %2%504’2‘ :# 4’+0‘ 1, ‘ 5 0+‘ -‘ $‘ -005‘ 6’-%-2’%!‘ %’5‘ $ ‘ #0$%’-‘ $,0‘ $’$!0‘ 1,’!0‘ 1%’7’-.‘ $,0‘ +$’:0-5

6‘ $,0‘ NLN‘ 60!! 1+,’:+‘ 2’$05‘ %; 70‘ Q)‘ -!8‘ %#0‘ !’4‘$05‘ $‘ $,0‘ .#%5*%$0+‘ 6‘ %-8‘ :%#$’2*!%# ’-+$’$*$’ -‘ !%++’6’05‘ ’-‘ %- $,0# 1%8‘ %; *$‘ -0‘ $,’#5‘ 6‘ $,0‘ 60!! 1+,’:+‘ %#0‘ %$$%2,05‘ $ ‘ +:02’6’2‘ 50:%#$40-$+‘ # 5’7’+’ -+‘ 6‘ +$*58‘ %-5‘ $1 ‘ $,’#5+‘ %#0‘ - $‘ + ‘ #0+$#’2$05‘ -‘ $,0‘ !%$$0#‘ 2%+0‘ $,0#0‘ ’+‘ #5’-%#’!8‘ %-’-‘ 6 #4%!‘ 5’+$#’;*$’ -‘ ’-‘ #50#‘ $,%$‘ -‘ .#*:‘ 4%8‘ ;0‘ !06$‘ 0-$’#0!8‘ 1’$, *$‘ %‘ #0:#0+0-$%$’70‘ ,0‘ !’4‘$05‘ %:9 : ’-$40-$+‘ %#0‘ #5’-%#’!8‘ ’-‘ 60!! 1+,’:+‘ :# 9 7’505‘ ;8‘ +:02’%!‘ 0-5 140-$‘ %-5‘ $,0‘ *-9 !’4‘$05‘ ’-‘ $, +0‘ +*:: #$05‘ 6# 4‘ $,0‘ .0-0#%!‘ *-’70#+’$8‘ 6*-5+

-' %' 601' 2%+0+' '$' '+' +$': *!%$05' $,%$' $,0' '-9 2* 4 ;0-$' +,%!!' +$*58'%;# %5'%-5' '-' 4%-8' $,0#+' ,0' 4%8' 5 ' + ' ;8' +:02'%!' :0#4'++' -' ,0' -* 4 ;0# 6' 40#'2%-+' , 1070#' 1, ' 1'+,' $ ' +$*58' '-' *# :0' 6 #' %' 6*!!' 80%# # ! -.0# '+' 502#0%+'-.' %-5'%2 -+'50#%;!0' -* 4 ;0# 6' $,0+0' ;$%'-' , 50+' +2, !%#+,':+

,0#0' %#0' 4%-8' '-$0#0+$'-.' '-5'7'5*%!' 0-9 5 140-$+' 6 # 0E%4 :!0' %' 60!! 1+,':' '-' 40#'9 2%-' %#2,%0 ! .8' %$' $,0' -01!8' 6 *-505' -'70#9 +'$8' 6' 0E'2 ' 070#%!' 6' $,0' !%#.0' 2,04'2%!' %-5' $,0#' '-5'*+$#'%!' 2 #: #%$' -+' 4%'-$%'-' #0+0%#2,' 60!! 1+,':+' ,'+' $8:0' 6' 60!! 1+,':' ,%+' ;00-' :%#$'2*!%#!8' 5070! :05' %$' $,0' *-'9 70#+'$'0+' 6' '2,'.%-' %-+%+' %-5' '$$+;*#.' $' !!'- '+' $,0#0' %#0' $0-' ^QKK' 60!! 1+,':+' '-' 0E:0#'40-$%!' 0-.'-00#'-.' $' 4,0#+$'2 !!0.0' $,0#0' '+' %-' '-$0#0+$'-.' 0-5 140-$ 3-1-' %+' $,0' 0!! ..' 60!! 1+,':' $0-%;!0' 6 #' +070-' 80%#+' $,0' 6'#+$' $,#00' $ ' ;0' +:0-$' %$' % 0#4%-' *-'9 70#+'$8' %-5' $,0' !%+$' 6 *#' %+' %!02$*#0#' %$' 49 ,0#+$

,0$,0#' %60!! 1' +,%!!' 507 $0' ,'+' 0-$'#0' $'40' $ ' +$*58' '+' %' 4 $'U*0+$' - ' $' !*4 ;'%' $,'+' '+' '-+'+$05' *: -' $' %#7%#5' -' $,0' $,0#' ,%-5' $,0#0' %#0' $,'#$8' $0%2,'-.' 60!! 1+,':+' %-5' %$' '+2 -+'-' %' $0%2,'-.' 60!! 1+,':' '+' %$$%2,05' $ ' 0%2,' '4: #$%-$' +$%$0' ,'.,' +2, !' $,0' '-9 2* 4 ;0-$' #020'7'-.' ^NNQ' 6# 4' $,0' *-'70#+'$8' %-5' □□' 6# 4' $,0' +2, !

,0#0' '+' %.# 1'-.' 600!'-.' $,%$' *-50#' :#0+0-$' 2'#2* 4+$%-20+' $,0' :# 7'5'-.' 6' 60!! 1+,':+' '+' 70#5 -0'%-5' $,%$' $0%2,'-.' !'30' $,0' 4'-'+$#8' '+' ,%#405' #%$,0#' $,%-' :# 4 $05' ;8' :%8'-.' 405' 2#0' 40-' $ ' 0-$0#' '$' %+' %' :# 60++' -' R' $' $%30+' 4 #0' 0-0#.8' $ ' +$:'+$*58'-.' %-5' . ' %$' + 40$,'-.'0!+0' $,%-' $ ' . ' -' +$*58'-.' %-8' 6' *#.#%5*%$0' +$*50-$+' ,%70' - ' $,0#' 4 9 40-$*4' $,%-' $,'+' '-0#$'%' S' H ! ++ -F' %#09 6*!' #.%-'G%$' -' 6 #' +$*50-$' 04:! 840-$' %$ $,0' +$# -.0#' *-'70#+'$'0+' %-5' $,0' 4%-8' ! %-' 6*-5+' ,%70' 20#$%'-!8' !0++0-05' $,0' -005' 6 #' 5'#02$' %'5' ,0' 10'.,$' 6' %2%504'2' :'-' -' , 1070#' '+' +$'!!' '-' 6%7 #' 6' #0$%'-'-.' $,0' 60!! 19 +,':+' %-5' +2, !%#+,':+' - 1' :0-' ,0' !'+$ 6' $,0' (,-+' :3'-+' 60!! 1+' 1'$,' '$+' ,'., ' :0#20-$%.0' 6' -%40+' 5'+$'-.*'+,05' '-' 40#'2%-' +2, !%#+,':' '+' 6$0-' 2'$05' ;8' $,0' +*:: #$0#+' 6' $,0' :#0+0-$' +8+$04

-0' 70#8' .0-0#%!' 10%3-0++' '-' $,0' +8+$04' :%#$'2*!%#!8' %4 -.' $,0' 0-5 105' *-'70#+'$'0+' '+' $,0' '-%50U*%$0' :# 7'+' -' 4%50' 6 # 1 40-' +$'60!! 1+,':+' 10#0'0+$%;!'+,05';06 #0' 1 40-' 0-$0#05' .#%5*%$0' 1 #3' '-' !%#.0' -* 4 ;0#+' %-5' $,0' #0.*!%$' -+',%70' - $' ;00-' 4 5'6'05'$' 400$' $,0' 2,%-.05' 2 -5'$' -+' 6' $?5%8

'$,' $,'+' 0E20:$' -' 2%#06*!' :# 7'+' -' '+' .0-0#%!!8' 4%50' 6 #' $,0' &*5'2' *+' %1%#5' 6' 60!! 1+,':+' $,# *.,' :#07' *+' 1#'$$0-' %:: !'2%9 $' -' %-5' #060#0-20' $ ' 50:%#$40-$+' %-5' 2 49 4'$$00+' -'6 #4' 5%$0+' 6 #' %:: !'2%$' -' - 9 $'6'2%$' -' %-5' %220:$%-20' %#0' - 1'+0$' ;8' 4 +$' 6' $,0' 404;0#+' 6' $,0' ++ 2'%$' -' 6' 40#'2%-' -'70#+'$'0+' $ ' :#070-$' $,0' 2%-5'5%$0' 6# 4' :!%8'-.' -0' *-'70#+'$8' %.%'-+$' %- $,0#' %-5 6# 4' ;#0%3'-.' ,'+' %.#00 40-$' +, *!5' %' !%$0#' %-5' 4 #0' 50+'#%;!0' %:: '-$40-$' 2 40' $ ' ,'4' -' $,0' +$# -.0#' *-'70#+'$'0+' $,0' %:: !'2%$' -+' %#0' +' -*40# *+' %-5' $,0' 5'66'2*!$8' 6' .0$$'-.' #0%!' '-6 #4%$' -' %; *$' %' +$#%-.0#' +' .#0%$' $,%$' :#%2$'2%!!8' %!!' %:: '-$40-$+' . ' $ ' 40-' %!#0%58' '-' #0+'50-20' %-5' $,0#06 #0' :0#+ -%!!8' 3-1-' ,0' +2, !%#+,':+' %#0' 2 *-$05' *: -' $ ' .0$' '-' -01' ;! 5 ' '

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%-5'%$' %#7%#5' !!0.0' .#%5*%$'-.'%$',0'!%$$0#
'-+$'$*$' -' '-' $,0' 2!%++' 6' A>DF' 0' 1%+' $,#00'
80%#+' $*$ #'%$' %#7%#5'$10-$8?0'.,$'80%#+':#9
60++ #' 6' #003'%-5':#0+'50-$' 6' $,0' 2 !!0.0' 6# 4'
A>=E' $' A>=D' *$, #' 6' 0'.,$' #003' $0E$; 3+'
%',' +$ #8' 6' #0020' %-5' 05*2%$' -%!' %#$'2!0+'
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8 *-.' -' $,0' 6 #4' 6' +1 #5' :!%8' '$' 2 -+$'9
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$,0' 8 *-.' 3-'.,$+' 0-2'-.' '+' $,0' -%$' -%!'
+: #$' 6' $,0' #0-2,' :0 :!0' %#' 2#'230$' '+' $,0'
+: #$' 6' $,0' -.!'+,'%-5' ;%+0;%!!' $,0' -%$' -%!'
+: #$' 6' 40#'2%' ,0' +1 #5' :!%8' 6' $,0'
'55!0' .0+' 1%+' :#%2$'205' 1'$,' ,0%78' 10%:9
-+' $,0' 60-20#, !5'-.' $,0' +1 #5' '-' -0' ,%-5

%-5 % +,'0!5 '- $,0 $,0# *#'-. $,0 -'-09 $00-$, 20-$*#8 $,0 %#$ 6 60-2'-. 1%+ .#0%$!8 5070! :05 $,0 ,0%78 +1 #5 1%+ #0:!%205 ;8 +070#%! !'.,$0# 10%: -+ %+ 6 !! 1+ $,0 +%;#0 #;#%5+1 #5 +'4'!%# $ $,0 !5 +1 #5 -!8 !'.,$0# $,0 6 '! $,0 5*0!'-. +1 #5 %-5 $,0 ;%$ - # +'-.!0+$'23 ,0 6 '! + $,0 10%: - 4 +$ 0E$0-+'70!8 *+05 $?5%8 ;8 $, +0 ,'-5*!.0 '-60-2'-. %+ % +: #$ $ + - $ % #0%! 10%: - ''-$,%$ '$ + - $ *+05 0'$,0# '-1%# #'-5*0!'-. ,0 !'.,$ +%;0# 5*0!'-. +1 #5 %-5 +'-.!0+$'23 %#0 %!+ *+05 $ + 40 0E$0-$;8 %4%$0*#+ 60 60-2'-. %+ %+: #$ +%-0E0#2'+0 60-2'-.'+ 0+:02'%!!8 7%!*%;!0 6 # 5070! :'-. 5 2%##'%.0 .#%20 6 4 709 40-$ %.'!'$8 %-5 $,0 %;'!'$8 $ $,'-3 %-5 %2$ U*'2!58 -%55'$' -'$ $,0+0'4 : #$%-$:,8+'9 2%! %22 4 :!'+,40-$+ $,0#0 %#0 506'-'$0 0$,'2%! %-5 + 2'%! U*%!'$'0+ 6 +$0#05 ;8 $,'+ +: #$,0 $#%5'$' -+ 6 2,'7%!#8 %-5 2 *#$0+8 %!1%8+ %+9 + 2'%$05 1'$, 60-2'-. .'70'$ $,0 5'+$'-2$' - 6 ;0'-. :%# (($,0 +: #$ 6 .0-$!040- 0-2'-.'+ $,0 -!8 2 4 ;%$'70 +: #$ %5%:$05 $.'#!+ %-5 1 40- ,0 .#%206*! : +'$' -+ %-5 4 7040-$+ 2,%#%2$0#'+$'2 6 $,'+ 0E0#2'+0 %-5 $,0 : !'$0 %-5 .#%2' *+ 6 #4 *!%+ 0E2,%-.05 ;8 $,0 2 -$0+$%-$+ 4 %30 '$:%#$'2*!%#!8 %9 $#%2$'70 $ 1 40-

-'$,0 -'$05 $%$0+ $,0 40-+ 2 !!0.0+ ,%70 ,0!5 %--*%! 2 4 :0$'$' -+ 6 #$,0 '-$0#2 !!0.'%$0 60-2'-.'2,%4 :' -+,':+'-20 %; *$ >)PK #0 #020-$!8 $,0 1 40-+ 2 !!0.0+ ,%70 $%30-* :' $,0 +: #$ 1'$, 0-$,*+'%+4 ,0 ;0+$ #0+*!$+ %#0 ;$%'-05 6# 4 '-5'7'5*%! '-+$#*2$' - ; *$ + 40 $0%2,0#+ ,%70 +*2200505 '- $0%2,'-.'$,0 0!040-$%#8 4 7040-$+ 6 !*-.'-. +'4:!0 %$$%23+ %-5 :%##'0 $!%#.0 2!%++0 %##%-.05 '-5 *;!0 !'-0+

H>OQ>?>L>QF / #0-2, :#0!%$0 %-5 %*$, #, !0 5'#02$ # 6 $,0 '-+$'$*$' - 6 $,0 - 0 <0 6 6 *-505 6 # 8 *-. 1 40-2 -70#$05 6# 4 # $0+$%-$'+4 ,0 1# $0 ,'+ 0(5 H>O)LF 6 # $,0 *2,0++ 50 0%*7'!!'0# ,'+ 1 #3'+ -0 6 $,0 0%#!'0+$ %$$0 4 :$+ %$ % +8+$0 4 %$'2 5'+2*++' - 6 $,0 05*2%$' - 6 .'#!+ 1,'2,$,0 %*$, #2!%'405 ,%5 ;00-$! -.-0.!02$05 ,0 4%'-$,0+'+'+$,%$ R 1 40-' %#0 10%3 ;*$ 4*+$;0 +$#0-.$,0-05 6 # 5*$'0+ $,%$!'0 %$ $,0 6 *-5%$' - 6 %!!, *9 4%-'!'60 S $'+$,0'# 4 #%!'-6!*0-20 %+ 4 $,0#+ %-5, 404%30#+ $,%$.'70+'4: #$%-20 $ $,0'# 05*2%$' - Q-0! -'$%30+ :$,0 : +'$' -'$,%$ $,0#0 + 4*2,$,%$ $,08 2%-- $!0%#- ;*$ '- %55'$' -$ %500:#0!'.' *+$#%'-'-.'#!+ , *!5 ;0 $%*.,$ #0%5'-. 1#'$'-. %-5 %#'$,40$'2 4*+'2%-5 :%'-$'-.'6 #$,0 2*!$'7%$' - 6 $%+$0 %-5 $,0 4%-%.040-$ 6, 40+ 02 - 48 -0%$9 -0++ %-5 #50# *2,''-$,'+ 1 #3, 1070# + 6 .0-0#%! %::!'2%$' -$ $,0 *:;#'-.'-. %-5 05*2%$' - 6 2,'!5#0- '+ 2,'06 1 #3+ 6 % :05%. .'2%! 2,%#%2$0# 10#0 1#'$$0- %+ % #0+*!$ 6 ,'+ %:: '-$40-$ H>0)PF %+ :#020:$ # 6 $,0 8 *-.'5*30+ 6 *#.*-58 -& *'%-5 0##8

.#%-5+ -+ 6 *'+ W ,0+0 10#0 " = (0 / 2 (0 ,> 0(% '0 8 0) ' 0) %-5 . <0 H>OPL?>OP)F Q-0! -+ 2 -9 +$%-$ O66 #$+ $ R 5'70#+'68 S '-+$#*2$' - 1,'2, 10#0 '-5'+:*$%;!8 6 # $,0 :*#: +0 6 #0!'07'-. $,0 :*:'! 6 O66 #$ %-5 6 4%3'-.,'+ +$*5'0+ %$$#%2$'70 %-5 0%+8 %#0 07'50-20 6 % 2 -20:9 $' - 6 $,0 :!%20 6 '-$0#0+$' 6 %: # $8:0 :0#9 ,%:+'-'-+$#*2$' - ,'+ $,0 #8 ;0'-. $,%$ R 070#8$,'-.'$,%$ 50!'.,$+ $,0 6%-28 6%2'!'$%$0+ +$*58 S 0 1%+ % +$%-2,'+*:: #$0# 6 :*;!'2 05*2%$' - 2 -$0-5'-. $,%$ $,0 2,'!5#0-' ;09 ! -.05 !0++ $ $,0'# :%#0-$+ $,%-' $ $,0 $%$0 %-5 $,%$ $,08 +, *!5 $,0#06 #0 ;0 05*2%$05 %$:*;!'2 0E:0-+0 # 05'$' -+ 6 ,'+ 2 4 :!0$0 1 #3+ +00 %++0!'-0$ %# -HJM 7 !+ %#'+ >)NK?>)JKF %-5 02!0#0 HJ)7 !+ %#'+ >)NL? >)JKF # :#$#%'$ +00 :' :' JKL

O60#0-20+ /

1 # % ' 5 6 2 (; O H O':9 G'.'>)LP F % ' ' 5 ' 8 O H %#'+' >)PQ F # ' 5 > ' O(/ 3 H +$ - >)PK F , % # ' ' 5) ' 5 ' ' ' H -5 - >PK> F

H>OK>?>OOQF / 6%4 *+ #0-2, 4%$,04%$'2'%- 0 1%+ ; #-'%$ -$%*;%-'->OK>'%-5'5'05 %$ %+$#0+ (%- >N >OOQ 0 1%+ % :*;!'2 66'2'%! %$ *! *+0 4%$,04%$'2+ 40#0!8 22*:8'-.,'+ !0'+*#0 $'40 0 :*;!'+,05 -!8 %601':%:0#+ ;*$,0!06$ % 4%++ 6 - $0+$,%$+, 1 %#04%#39 %;!0 .0-'*+'-$,0'6'0!5 6 $,0 $,0 #8 6 -*4;0#+ &<% %* 0 :#0:%#05 %-'05'$' - 6 ' :,%-$*+ <% *% $'+ :# ;%;!0 $,%$,0 ,%5'-', 1- 4'-5 1 #305 *$'+ 40 6 $,0 :#'-2':!0+ 6 %-%!8$'2 .0 40$#8 &<% %* ;06 #0 0+2%#$0+ :*;9 !'+,05 H>OJLF ;*$,0 :*;!'+,05 - $,'-.'*: -'$,0'+*;&02$%-5',0 50+$# 805 + 40 6 ,'+ #'.'-%! 4%-*+2#':$;06 #0 ,'+ 50%$, '$, %+2%! ,0 !%'5 $,0 6 *-5%$' - 6 # $,0 $,0 #8 6 :# ;%;!'$'0+ -0 6 ,'+ ;0+$?3- 1- $,0 #04 '+ $,%$ - '-$0.#%! 7%!*0+ 6 6 !6 ; 2%-' ;0 6 *-5 $ +%$'+68 $,0 0U*%$' - ?6 dR m 6 '+%-'-$0.0# .#0%$0# $,%-' N ,'+,%+ -070# ;00-' :# 705 %-5 %$:#0+0-$ $,0#0 '+% !%#.0 6*-5 %1%'$'-.'$,0 -0 1, +,%!! 504 -9 +$#%$0 '$ $ $,0 +%$'+6%2$' - 6 $,0 -'70#+'$8 6 $$'-.0-

H>QPN?>OJLF / *-50# 6 %- -.!'2%-' 2 44*-'$8 %$ '$$!0 '55'-. 0 10-$ $ +2, !%$6 *#'%-5 %$ 6'70 2 *!5 #0:0%$ % 5%'!8 2,%:$0# '-$,0 ';!0 - >OKO ,0 10-$ $!%#0 %!! %4;#'5.0 $ 3 ,'+ '-' >0>K %-5 #04%'-05 $,#00 80%#+ 6*#$,0#%+60!! 1 # 4'>0>J $ >0>),0 $#%70!05 %-5 +$*5'05 '- 0#4%-8 %-5 $%!8 - ,'+ #0$*#- ,0 1%+ %2$'70 '-' 2 --02$' -' 1'$, 0,0 '#.'-'% 4:%-8 %-5 -'$+ 6%'!*#0 50$0#4'-05 $ #0$'#0 1'$, ,'+ #0!%$'70+ $ $,0 -*4;0#+ 6 6 #8 $ $ '$$!0 '55'-.'1,0#0 $,0 2 44*-'$8 !'705 - % :!%- #.%-'G05 ;8 0##%# 0E$

%6$0#$,0220,*#2,'$,0'+2, !'22*:'05',+'%$$0-9$'-'-'%-2'0-$'5 70, *+0'1%+'0-!%#.05''-$'%',%-5+ 40'+2, !, *+0'%-5':0#4'++'-'1%+'.'70-'$'2,'!5#0-'6# 4'-0'.,;#'-.':%#'+,0+'$'%$$0-5' ,08'10#0'$%*.,$'1'$, *$'600+'#0%59'-.'.#%4 4%#'1#'$'-.'%#'$,40$'2'%-5'4*+'2'%-5'$,0':#'-2':!0+'6'$,0' ,#'+$'%-'#0!''-'$,0':*:'!+'+:0-5'-.':%#$'6'$,0'5%8'R'-':0#602$'-.'$,0'# ,%#4-'0+'-'$,0'+2#':$*#0' #.0$$'-.''$';8',0%#$' 40'6'$,04'0E0#2'+05'$,0'#5'!'.0-20'-'.'!5'-.'%-5';'-5'-.'6';3+'%-5'6#$,%$':*#:+0' 0##%#0-$0#$%'-05'%'%49;#'5.0';3?;'-50#+'5%*.,$0#$'+,1'$,04'$,%$':'020'6'+3'!!S' ,#00'4%+$0#+'10#0'0-9.%.05'$'$0%2,'-.'+,'4*+'2'%-5'1#'$'-.'0##%#,'4+0!6'$3'%:0#+-%!''-$0#0+$''-'$,0'+2, !'%-5'+%1'.5'#50#;+0#705' ,02,'!95#0-'10#0'%!1%8+'22*:'05'%506'-'$0'$'409$%;!0';0'-.'%!!$$05'%-5''-2!*5'-.':,8+'2%!'#02#0%$'-' 0##%#.%70'$,0'#0!''*+''-+$#*29$'-',+0!6'+40$'40+'507$'-.'+070#%!',*#+5%'!8'$'$'-'*-5%8' 0##%#0E%4'-05'$,02,'!95#0-'6#4'-0'.,;#'-.',+'#070#8':+%!4'1,'2,'$,08'2*!5'+%8':0#602$!8'0%2,'2,'!5'#020'705'%':+%!$0#%-5'%:0--8'%-5',+'*-5%85'-0#' 40$'40+'$,0+0'10#0'6#$8'#'6'68'-'-*4;0#' #$,0'%5*!$'404;0#+'6'$,0'6%4'!84#-'-.'%-5'070-'-.'507$'-+'10#0':#0+2#';05'%-5'+2'%!'+0#7'20'1%+'5-0'%4-.?$,0'2*-$#8':0:!0'6'$,0'-0'.,;#,5'

O60#0-20+'/

'(!'/'-'8 !%
% '(''-(' 5)' $' %'H %49
;#'5.0'>)QQF

'/'-'+$'$*$'-'6*-505''-'>JP>'$,#*.,'$,0'066#$+6'$,0'%#U*'+'!;0#$''6'+$0'1,'+02*#05'%';*!!'6#4'':0'-'6%20'W'2,!+',%5',1070#'0E'+$05''-'4+$'6'$,0'6%2*!$'0+';06#0'$,'+'5%$0',0';*!!'0+$%;!'+,05'%.0 0 3 %',0'4%'-$0-%-20'6'$,0'*-'70#+'$8'60!!'-'$,0'4*-'2':%!'$8'1,'2,'6*-5'$,0';*#50-'$',0%78''-'>JPM'%-5'%!!105'$,0'*-'70#+'$8'$'502!'-0'-'066#$'$'#07'70'$,0'-+$'$*$'-''-'>MKN'40$'1'$,'-'.#0%$0'!'+*220++'*-$'!'>MJK'1,0-'(,-'50'7$'+'1%+''-7'$05'1'$,',+'+$*50-$+'6#4' !.-%'%-5'%$'$,0'+%40'$'40'*%#'-'50'0#-%!02$*#05'%$'0##%#%' #4'>MMN'-'$,0'*-'70#+'$8'4%50'#%:'5':#.#0++'#'+$'%-5'%7-%#!%10#0'2--02$05'1'$,''$'$+'#0:*$%$'-''-'$,0'6'6$00-$,'%-5'+'E9$00-$,'20-$*#8'#0+$05'-'$+'405'2%!'6%2*!$8'%!$,*.,'$'%1%+'%!+'-$#'*+'6#2,0%:'50.#00+'$'$,0'0-5'6'$,0'0'.,$00-$,'20-$*#8'$,0'!--:0#'5'6'502!'-0'2*!4'-%$05''-'$,0'2!+'-.'6'$,0'-+$'$*$'-'-'>)>Q'%-01*-'70#+'$8'1%+#.%-'G05'1'$,'6*

6# 4 $,0 40-5%2' *+ $0%2,'-. 6 $,0 66'2'%! +2, !+S , %$ 1%+ ,0 %55+ R$,0 #'.'- 6 $,0 50#- 2, !S , +0 1, ;0+$ 3-01 0##0# '- $, +0 0%#!8 5%8+ 2 -6'#4 $,0 6 #0. '-. +$%$040-$ %+ $,'+ %!4 +$ 6%-%$'2%! 6%'$,' '- $,0 + 2'%!!8 $#%-+9 6 #4'-. : 10# 6 05*2%$' - 0 ;0!'0705 $,%$ $,0 -!8 40%-+ 6 #0%!'G'-.' 1,%$ '+ . 5 '+ $ $0%2,' '$;8 05*2%$' - %-5 :# :%.%$0 '$;8 0E%4 :!0 ,0$,0# 0##0#+ 7'01 '+ + *-5 '+ %- :0-U*0+$' - ;*$,0#0 2%-;0 - 5 *;$ $,%$,'+ 2 -5*2$ $,# *., *$ $,0 !%+$ 502%50 %-5 % ,%!6 6 ,'+ !'60 1%+ 2 -+'+$0-$ 1'$,' $,0 5 2$#'-0 %+ %; 70 +0$6 #$, !0%#!8 %-8 $,0# !'-0 6 : !'28 1%+ 5%-.0# *+ $,'+ 2,0#'+,05 '50%!+ %-5 1 *!5 ,%70 '-7 !705 $,0 #*'- 6 ,'+ 6 #$*-0 ;0+'50+ 1#023'-.' ,'+ 6! *#'+,'-.' ;*+'-0++ $,0 +$%;'!'$8 6 % 1'50 -0$1 #3 6 #%$' -%!'+$ +2, !+ %-5 $,0 +2, !%+$'2 6*$*#0 6 + 40 >K KKK +2, !%#+ H ,'+ 1%+ $,0 0+$'9 4%$05 -*4;0# %$$0-5'-.' $,0 -0 ,*-5#05 +2, !+ #$,0#0%; *$+ %$'$,0'# 2! +*#0'-' >PKP F %5 ,0 ;00- % 7*!.%# %++%++'- # 2,'06 6 % #07 !*$' - %+ ,'+ 0-04'0+ 502!%#05 ,0 +*#0!8 1 *!5 - $,%70 ,%4:0#05 ,'+ +*;70#+'70 :0#%$' -+ 1'$,' $,0 $05' *+ #.%-'G%$' - 6 % -0$1 #3 6 #%$' -%!'+$ +2, !+ %-5'$,0'!%*-2,9 '-. 6 % ;'.' +0#'0+ 6 :05%. .'2 :*;!'2%$' -+ '+ :*;!'+,'-.' +$ 23 6 >>Q KKK 2 :'0+ 6 ,'+ ; 3+ 1%+ +0'G05 ;8 $,0 . 70#-40-$ 1,0-' ,'+ :# :0#$8 1%+ +0U*0+$0#05 -' $,0'0'.,$ 80%#+ 6# 4 >PK>' $ ' >PKP' 5*#'-. 1,'2,' $,0#0 1%+ %$,'#$00- 4 -$,+ '-$0#9 #0.-*4 6 '-%2$'7'$8 (*-0 >PKO?(*!8 >PKL 1'-.' $ 0##0#+ '4:#'+ -40-$ %1%'$'-.' $#'%! %$ %5#'5 $,0 #02 #5 6 0##0#+ :*;!'+,'-. *$:*$ '-2!*505 $,0 '++*0 6 6 #$8 7 !*40+ 6 05*2%$' -%! 4%-*%!+ ,0+0 04;#%205 $,#00 7 !*40+ 6 1 ! H(%2U*'-0$F . 1 ! H +$07%-0GF 5 / 10 ! H # 60++ # -.0##%-5F .0 = (0 H # 60++ # !*#'%' :# ! .*0 ;8 %4 -8 %&%!F % +0#'0+ 6 +'E 7 !*40+ ;8 # 5 -50 * -7'G + ! (3 ! H:#06%205;8 2!*+F - 0 1 ! HN 7 !+ F !6 . " (6 /) (+ !(! H # , %#!0+ 0? $ *#-0%* M 7 !+ F $,#00 7 !*40+ 6 :%-'+,' %-5 #0-2,'.#%4 4%#F $1 7 !*40+ 6 2, '20 0E$#%2$+:#'-$05''-7%#'05 $8:0+ 6 ,%-51#'$'-.' :*;!'+,05 %+.#%5*%$05 +2, ! 0E0#2'+0+''-$,0 #0%5'-.' 6+2#':$ 0$2 ,0+0; 3+ 0E20!!0-$!8 :#'-$05 %-5 10!!; *-5 10#0 + !5 %$ $1 :0+09 $%+ 0%2,' HMK 20-$+F %-5 6 *-5 % :#6'$%;!0 4%#30$'- $ -!8 1'$,' $,0 .0-0#%! #0%5'-.' :*;9 !'2 '-' :%'-' ;*$ 1'$,' $,0 6 *-50#+' :#60++ #+' %-5 :*:'!+ 6 $,0 +2*0!%' 4%$0!8 6 #405 - $,0 :!%- 6 $,0 +2*0!% 50#-% ,0 *:#040 *-2'! 6 '+, :+ 6 $,0 -50:0-50-$ H %$, !'2F ,*#2, 6 $,0 ,'!:'-0 +!%-5+ 6 #4%!!8 %5 :$05 +070- 6 $,0+0 4%-*%!+ %+ $0E$; 3+'-' $,0'# +04'-%#'0+ %-5 +2, !+ H 00 '+, :.!':%8+ !0$$0# '-? 0##0#+ 8 6 (*-0 >PKP F -%55'$' - ,0 05'$05 %2 -$'-* *+ 4 -$,!8

+0#'0+ H 2$;0#' >PK>'$ ' (*!8 >PKP 6 05*2%9 $' -%!' 8 ''-1,'2,'$,0 :# 2005'-.+ 6 $,0 +2*0!% 50#-%%#0 #02 #505 ,0 8 2 -$%'-05 %#$'2!0+ ;8 40-' !'30 0$ *#-0%*' -+0!4 #0-G Z !%' %0230!' !%44%#' -' !'+ 0 Q2!*+' 0#$,0! $' %U*0$' # :$3'-0' 55-' 50 * -' 0#5'-%-5' *'++ -' 0$2' 0 %!+:'++*05 %$ #*++0!+ %-' 05*2%$' -%!' #07'01' > (. H4 -$,!8 :#'!' $ 704;0#' >PK)F :#'-2':%!!8 507 $05 $ $,0 $,0 #0$'2%! 0E: +'$'-%-5 5'+2*++' -' 6 $,0 5 2$#'-0+ 6 $,0 +2*0!% 50#-%%-5 6 $,0 -$0#-%$' -%!' 0%.*0 6 #$,0 %$' -%!' 5*2%$' -' 6 ,'!5#0-' 6 1,'2,' 0##0# 1%+ :#0+'50-$'%-5 # 60++ #+' %0230!' %-5 0#.'' $1 7'20?:#0+'50-$+' ,0 +02 -5 7 !*40 6 $,'+ #07'01 H %#'+F '++*05 1003!8 6# 4 (%- NJ $ (*!8 >PKP 1%+ %!4 +$ 0E2!*+'70!8 22*:'05 1'$,' $,0 :#%2$'2%! :# ;!04+ 6 :05%. .8 0##0# 1%+ +$#'230-' 5 1-' 1,0-' ,'+ 1 #3 1%+ $%3'-.' -01 %-5 80$ 4 #0 +0#' *+ 6!'.,$+ 6 2 -+$#*2$'70 %2$'7'$8 # 4 -$,+ :#' # $,'+ 50%$,' ,0 1%+ 0-.%.05 '-!%*-2,'-.' % -01 (!(/ + 0 (6 $ 2 -+'+$ 6 6'6$00-' 7 !*40+ #%-.'-.'6# 4 0 / H ! !F $,0 1 ! / ; H ! F $,0 0 / ((H ! W F $ H ! W F 0 1%+ ;*+8 :#0:%#'-.' ,'+ 0 6 '!!*+$#%$05 1'$,' 0-.#%7'-.+ ;8 $,0 #09 - 1-05 %#$'+$ *:3% 6 H 2!*+F'%-5'$,0 3 " 0 H # : $3'-0F ,0 6'#+$ %-- *-2040-$+ 6 $,0+0 1 #3+ %::0%# '-' ,'+ 8 6 5%$05 0;#*%#8 >PKP %-5 %#0 2 -$'-*05 4 -$,' ;8 4 -$,' $!!' $,0 !%+$ '++*0 5# ::05 6# 4 ,'+ ,%-5+ '-' $,0 6%$%! (*!8 5%8+ ,0 1'!! 5'2$%$05 ;8 0##0# %60 1 , *#+ ;06 #0 ,'+ 50%$,' 2,%#.05 ,'+ $0+$%40-$%#8 0E02*$ #+ H -0 6 1, 4 '+ $,0 :#0+0-$ 1#'$0#F 1'$,' $,0 5*$8 6 :*;!'+,'-.' 20#$%'-' 6 $,0+0 1 #3+ $.0$,0# 1'$,'6'70 ; 3+ H%4 -.+$ $,04 $1 ;8 (*!5F 6 $,0 #%! -+$#*2$' - 0%.*0 H -5 -F ,0+0 ; 3+ ,0 ,%5 ;*$!%$0!8 $%30-' , 40 6# 4 -.!%-5 %-5 1%+ +$*58'-.' %-5 %-- $%$'-.' $,04 %$ %#20! -%6 # :*;!'2%$' - 1,0-' $,0 '-+*##02$' - +*;40#.05 ,'+ !%; #+ '-' $,0 #'+'-.' $'50 6 2!0#'2%!'+$ #0%29 $' - H 00 0E$#%2$ 6# 4 ,'+ !0$$0# $ ' $,0 :#0+9 0-$ 1#'$0#' 2'$05 ;8 '!!'%4 #2,0# '- (# 0 > ; 6 704;0#' >P>K F 0##0#+ 1 #3 '+ 6 #$,0 $'40 ;0'-.' %##0+$05 ;*$ $,0'+:'#$ 6 0##0# '+ +$'!!' %!'70 '-' ,'+ -%$'70 :%'-' %-5 4%8 %$ %-8 4 40-$ 04; 58 '$+0!6 '-' %#07'7%!' 6 $,0 '50%+ %-5 '-+$'$*$' -+ 6 $,0 +2*0!% 50#-% #' ,'

060#0-20+ /

40#'2%-' %$, !'2+'%-5'$,0 0##0# #'%!< %' 84: +'*4 (0 6 !' WWW >P>K' ::' OPL?L>N' ('60 %-5 0%$, 6 0##0#' (0 6 !' WWW >P>K' ::' NNP?NMN / 6 6 ' ' /'5 (('5 % H *9 5 -' >P>> F ' ' & 5). e . 0 % H %#'+' >PKP F

May Day Festival in a Public Park, Buffalo, N.Y.

May Day Festival in Van Cortlandt Park, New York City.

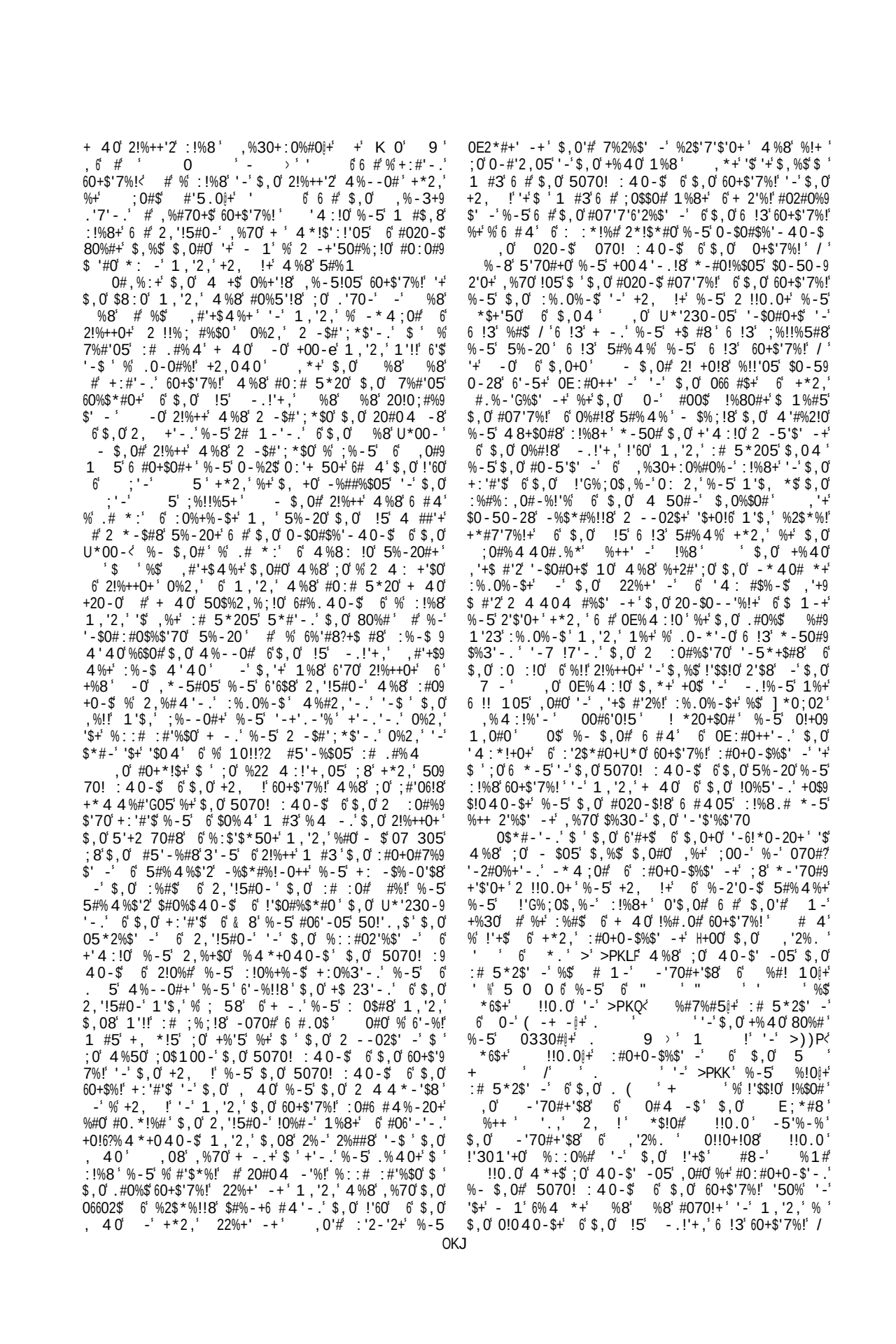
,0 +2, ! 60+$'7%! 4%8 $,0- ;0 #0.%#505 %+ :#' 4%#'!8 %- %$$0 4 :$$ #07'70 '-'%-5$,# *.,$,0 +2, !H # $,0# 05*2%$' -%! %.0-2'0+'+*2,%+ $,0 +0$$!0 4 0-$ %-5 :!%8.# *-5 %++ 2'%$' -F $,0 +:'#'$ %-5$,0 6 !3 %#$ 6$,0+0 !5 60+$'7%!+ / + #'2,' '-' +8 4 ; !'+4 %-5 #'$*%! ,0 0%.0#-0+ 1'$,1,'2,'$,'+ 4%8 ;0 5 -0 '+ $;0 40%+*#05 ;8 -0 0+ $'4%$0 6$,0 2*!$*#%! %-5 :05%. .'9 2%! 7%!*0+ 1,'2,'#0+'50 '-'+*2,60+$'7%! 20!0;#%9 $' -+ ,%$'$,0 60+$'7%! 4%8 ;0 %-''-+$#*40-$ 6 2*!$*#0 -005 +2%#20!8 ;0 %#.*05 -0 ,%+ ;*$ $ #02%!! $,0 60+$'7%!+ %-5 :%.0%-$+ 1,'2, 10#0 +*2,'%7'$%! 6 #4 6 : :*!%# %#$ '-' $,0 '55!0 .0+ ,%$ '$ '+ %6#4 6 2*!$*#0 +%5!8 -00505 %4 -.*+''-' 40#'2% '+ ;7' *+ 1,0-' 10 $,'-3 6 *# 1%8+ 6 20!0;#%$'-. -50:0-50-20 %8 H$,0 *#$,' 6 (*!8 %-5 01 0%#+ 70'6 #0E%4 :!0 1,'2,''-+$0%5 6 ;0'-.' 40#0 #.'0+ 6 - '+0 %-5 60%+$'-.' 4'.,$,%70 + 40 +*..0+$'70 %-5 : 0$'2 U*%!'$8 %:9 :# :#'%$0 $ $,0 22%+' - +0E%4 :!0+ 6 ;%-%!'$8 20#$%'-'2 !!0.0 2 4 4 0-20 4 0-$+ %$$%'-' ,'.,'#%-3

-' #50# $,%$ $,0 +2, !60+$'7%! 4%8 ;0 #09 .%#505 %+ %-' '4: #$%-$:05%. .'2%! '-+$#*9 40-$'$ '+ -020++%#8 $ '#%'+0 '$ $ $,0 5'.-'$8 6 % #0.*!%# :%#$ 6 $,0 1 #3 6 $,0 +2, ! '$,0#$ ' $,0 +2, ! 0E0#2'+0+ %+ $, +0 1,'2,' ,%70 ;00-' ,0!5 -' 22%+' -+'!'30 %+,'-.$ -+ '#$,5%8 #; # %8'%-5 -50:0-50-20 %8 ,%70 ;00-' R 0E$#%+ S 1,'2,',%70 '-7 !705 4*2,' ,%#5 !%; # -' $,0 :%#$ 6 $,0 $0%2,0#+'%-5 #09 ,0%#+%!+ *$ 6 +2, ! , *#+ ;8 $,0 :*:'!+ ,08 ,%70 2 4 4 -!8 !%2305 $,0 0++0-$'%!0 0!09 40-$+ 6 $,0 60+$'7%! -%40!8 & 8 %-5 +: -9 $%-0'$8 ,0+0 0!0 40-$+ 2%-- $;0 +02*#05 *-!0++ $,0 #0U*'+'$0 %:$'$*50+ %#0 2 -+'+$0-$!8 5070! :05 ;8 +$0%58 1 #3'-'502!%4%$' -'5#%4 9 %$'G%$' -' +'-.'-' %-5 5%-2'-.''-' $,0 2!%++9 # 4 .84-%+'*4 %-5 %++04 ;!8 ,%!! ,'+ 40%-+ $,%$ $,0+0 +*;&02$+ %#0 $;0 #02 .-'G05 %+ '4: #$%-$:%#$+ 6 $,0 +2, ! 2*##'2*!*4 %-5 - $ %+ 40#0 R 6%5+ %-5 6#'!!+S < %-5 $,%$ $,0 $'40 +:0-$ '- 22%+' -%! 2 #5'-%$' -+ 6 $,0 1 #3 5 -0''-'0%2,'6 #$,0 :*#: +0 6 60+$'7%! :# 5*2$' -+ '+ $'40 10!! +:0-$ %-5 1 #$,8 6 ;0'-.':# 7'505 6 #'-'$,0 $'40?$%;!0 ,0 1 #3 6 :#0:%#%$' -''-+$0%5 6 ;0'-.'%;*#50-'%-5%-' 0E$#%' 4*+$;0 !0.'$'4%$0 %-5 !0'+*#0!8 1 #3 &*+$'6'05 ;8 #0%+ - 6 $,0 05*2%$' -%! 7%!*0+ 1,'2,''$ 8'0!5+

,%$'$,0#0 %#0 +*2,'05*2%$' -%! 7%!*0+ $, +0 1, ,%70 ,%-5!05 $,0 +2, ! 60+$'7%! 6# 4 $,'+ :'-$ 6 7'01 $0+$'68 %;*-5%-$!8 ,0 07'9 50-20 $;0 2'$05 ,0#0 5#%1-' 6# 4 $,0 0E9 :0#'0-20 %-5 :#%2$'20 6 %-'-+$'*$' -' 1,0#0 6 # 4%-8 80%#+ +8+$0 4%$'2 0-50%7 # ,%+ ;00-' 4%50 $ 5070! :$,0 60+$'7%! %+ %-''-$0.#%! :%#$ 6 +2, ! 1 #3 -%40!8 $,0 $,'2%! *!$*#0 2, ! 6 01 #3 '$8 0#0 $,0 60+$'7%! ,%+ ;00-' #0.%#505 %+ % 40%-+ 6 :#0:%#'-.'$,0 &- *-.'6 #!'60 /'- $ -!8 $,0!'60 6 1 #3 ;*$ $,0 !'60 6 !0'+*#0 %-5 #02#0%$' - ,0#0 '+ % #0$*#-'$ '$,0 #003 '50% 6 $,0 5 *;!0'6*-2$' - 6 05*2%$' - $,%$ '$ +,%!! :#0:%#0 6 # #06'-'-.

!0'+*#0 %+ 10!! %+ 6 #2'$'G0-+,':' ,0 50!';0#%$0 0-50%7 # $ '05*2%$0 6 # !0'+*#0 4%8 ;0 &*+$'6'05 $?5%8''-.'5'66'2*!$8 1,'2,' $,0 1 #30#'$,0 2#%6$+4%-' # $,0 ;*+'-0++ 4%-' 6'-5+''-' ;$%'-'-.'%-8 .0-0# *+ 5070! :40-$' $,# *.,'+ 4'-*$0!8 +*;5'7'505 1 #3'%-5''-' 7'01 6$,0 6*#$,0# 6%2$ $,%$ $,0 :0 :!0 6 $ 9 5%8 ,%70 ! +$ $,0 !5 %#$ 6 + 2'%! +0!6%4*+09 40-$,08 %#0 40#0!8 :%+'70 '-' $,0 ,%-5+ 6 $,0 ; E 66'20 %-5 $,0 2%$0#0# ,0 +%40 '+ 0U*%!!8 $#*0 6 $,0 2,'!5#0-' 6 $?5%8 $,08 $,%70 ! +$ $,0 !5 %#$+ 6 2,'!5'+,':!%8 %-5 #02#0%$' - %-5 4*+$ %2$*%!!8 ;0 $%*.,$ $:!%8 06602$'70!8 %-5 1, !0+ 40!8 ,0 +2, ! 60+$'7%! - $ -!8 $0%2,0+ $,0 8 *-., 1 $:!%8 # #02#0%$0 $,04+0!70+ $,#*.,' :%#$'2'9 :%$' -' '-' $,0 6'-0 %#$+ 6 +$ #8 $0!!'-.' H;8 4'4'2#8 %-5 5#%4%$'G%$' -F'+ -.'5%-20 20#09 4 -'%! /';*$,0!:+ $ 6 #4 %-5 +$%-5%#5'G0 $,0 $%+$0 $ 1%#5 $,0 0-!'.,$0-05 :%$# -%.0 6 $,0 $,0%$0# %-5 $,0 7%*507'!!0 $,0 2 -20#$ %-5 :0#% %-5 6 2 *#+0 $,0 !'$0#%#8 0E:#0++' - 6 $,0+0 '-' $,0 :#'-$05 + -.' +$ #8 %-5 :!%8

*::!040-$'-.' $,0+0 !%#.0# + 2%! %-5 05*2%9 $' -%! &*+$'6'2%$' -+ 6 # $,0 60+$'7%! %+ % +2, ! '-+$'$*$' -' 6*#$,0# :05%. .'2%! #0%+ -+ 4%8 ;0 2'$05 '#+$ $,0 60+$'7%! :# :0#!8 2 -5*2$05 '+ $,0 4 +$ 7'$%! 1%8 6 2 #5'-%$'-.' % 4%& #'$8 6 $,0 +*;&02$+ +$*5'05 '-' $,0 +2, ! / -.9 !'+,' !'$0#%$*#0 %-5 2 4: +'$' - 4*+'2 %#$' 5%-2'-.' 5 40+$'2 %#$+,:' 1 #3 %-5 6 #0'.-' !%-.*%.0+ $' '+ 1 #$,' 1,'!0 $ 507 $0' % 6 #$-'.,$ # % 4 -$,'070#8 80%# # 070#8 $,0# 80%#$ '% :'020 6'-$0-+'70 1 #3''-'#0%!2 #5'-%9 $' - ,0$,0# $,0 :!%8 # :%.0%-$#0:#0+0-$05 '+2 4: +05 ;8 $,0 *:'!+ %+ :%#$ 6 $,0'# #0.*9 !%# 1 #3 '- .!'+, # 1,0$,0# '$ 2 -+'+$+ 6 + 40 2!%++'2 #+$%-5%#5 :!%8 +*2,'6 #0E%4 :!0 %+ -0 6 ,%30+:0%#0+ :!%8+ +$*5'05 '-' $,0 ,'.,' +2, ! $,0 1 #3 6 $,0 2!%++ # 2!%++0+ 0-.%.05 '+ 1 #3 1,'2,',%+ - $ -!8 $,0 - #4%! 7%!*0 6 $,0 #0.*!%# 1 #3 ;*$ $,0 %5505 7%!*0 1,'2,'2 40+ 6 500:0-05 '-$0#0+$ %-5 50!'.,$< '$'+ ;# *.,$ $ $,0 .! 1'-.': '-$ %-5 '$+ 06602$!%+$+ 6 # 80%#+ !'0 4*+'2 #0U*'#05 6 # $,0 60+$'7%! '+ #0%5'!8 '-2 #: #%$05 '-' $,0 #0.*!%# 2!%++ 1 #3 ;8 %-8 2*!$'7%$05 4*+'2 $0%2,0# 1 #$,8 6 ,'+ ,'#0 ,0 +%40 '+ $#*0 6 $,0 %#$ 1 #3'-7 !705 '-'$,0:#0:%#%$' -' 6 +20-0#8 +$%.0 +0$$'-.+ 502 #%$' -+ %-5 :# .#%4+ -00505 6 # $,0 22%+' - -!8 % :05%-$ 1'!! ;0 ;!'-5$,'+ 0E20:$' -%! :: #$*-'$8 $:# 9 5*20 #0%! %#$,0 5%-20+ 1,'2,' 4*+$ 6'-5 %-' '4: #$%-$:!%20 '-' %-8 60+$'7%! 4%8 ;8 % +3'!!6*! $0%2,0# 6 .84-%+$'2+ # :,8+'2%! 2*!9 $*#0 ;0 %5%:$%$' -+ 6 1 #3 :#0+2#';05 6 # $,0 :*:'!+ ,0 2 +$*4'-.' 1'!! ;0 $%30-' 2%#0 6 '-' -0 # 4 #0 6 $,0 +01'-.'%-5 5#0++4%3'-.' 2!%++0+ '6 : ++';!0 ;8 $,0 %2$ #+< ;*$ '6 $,08 %#0 $ +4%!! '% ,'.,' +2, ! .# *:' 4%8 ;0 %+305 $ '6*-2$' - ,0 +$%.0 :# :0#$'0+ 1'!! ;0 :# 9 7'505 ;8 $,0 2!%++'%# % :# &02$ '-' +, :1 #3 #0'.-'!%-.*%.0+ 4%8 ;0'-7 !705 ;8 $,0+0!029 $' - 22%+' -%!!8 6 :!%8+ # :%#$+ 6 :!%8+ '-' #0-2,'%-5 0#4%-' # 070-'6 # ,'.,' +2, !



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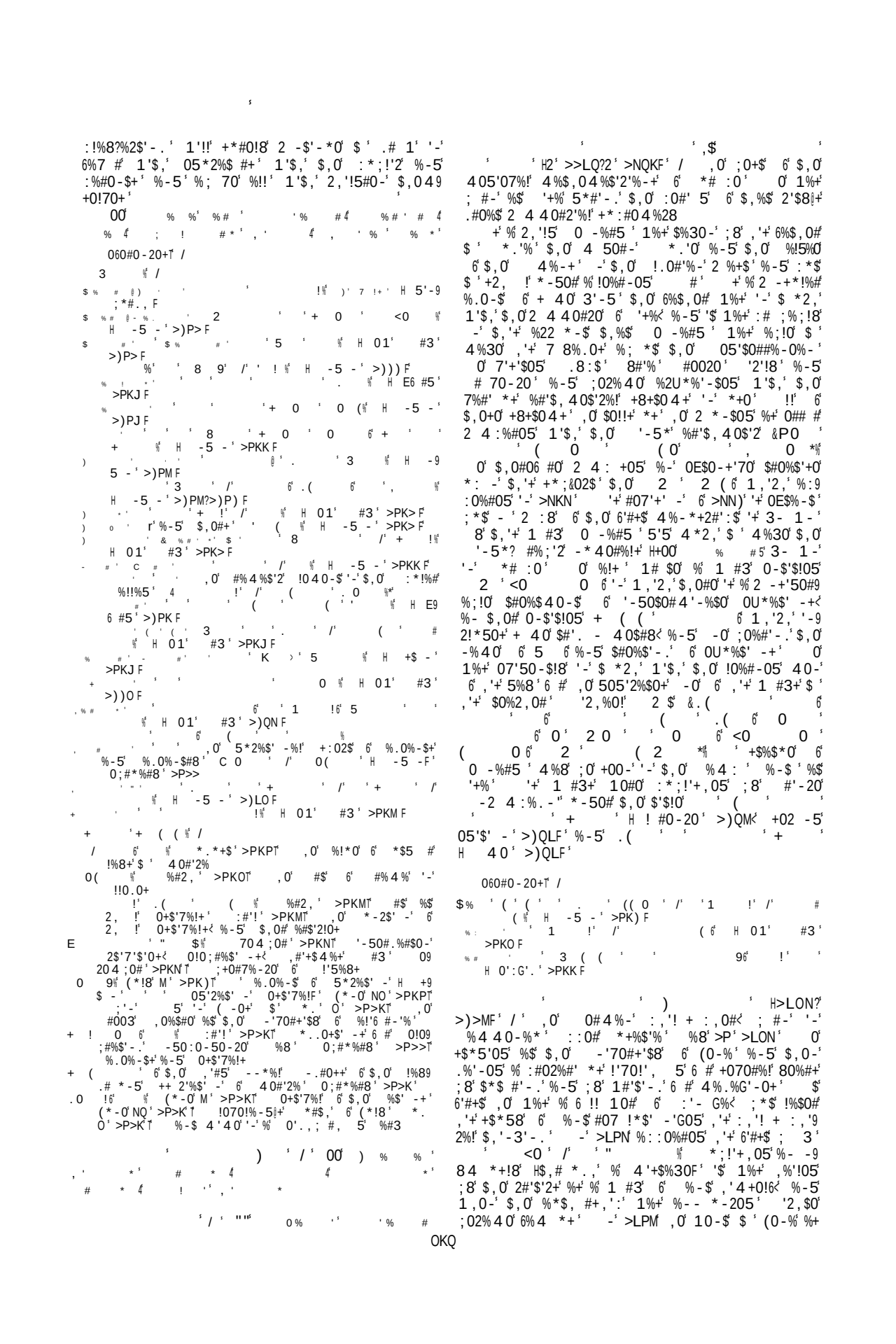
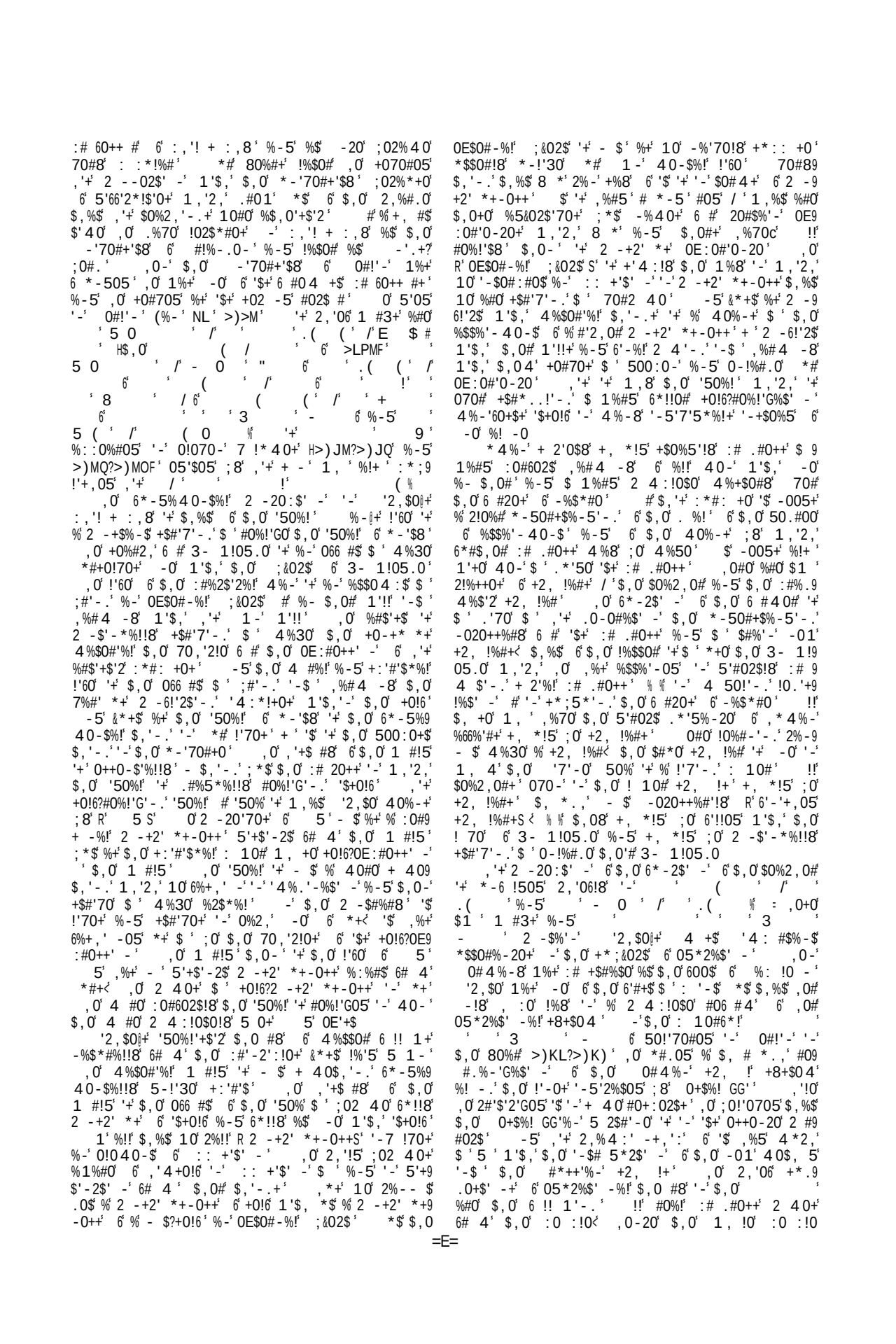
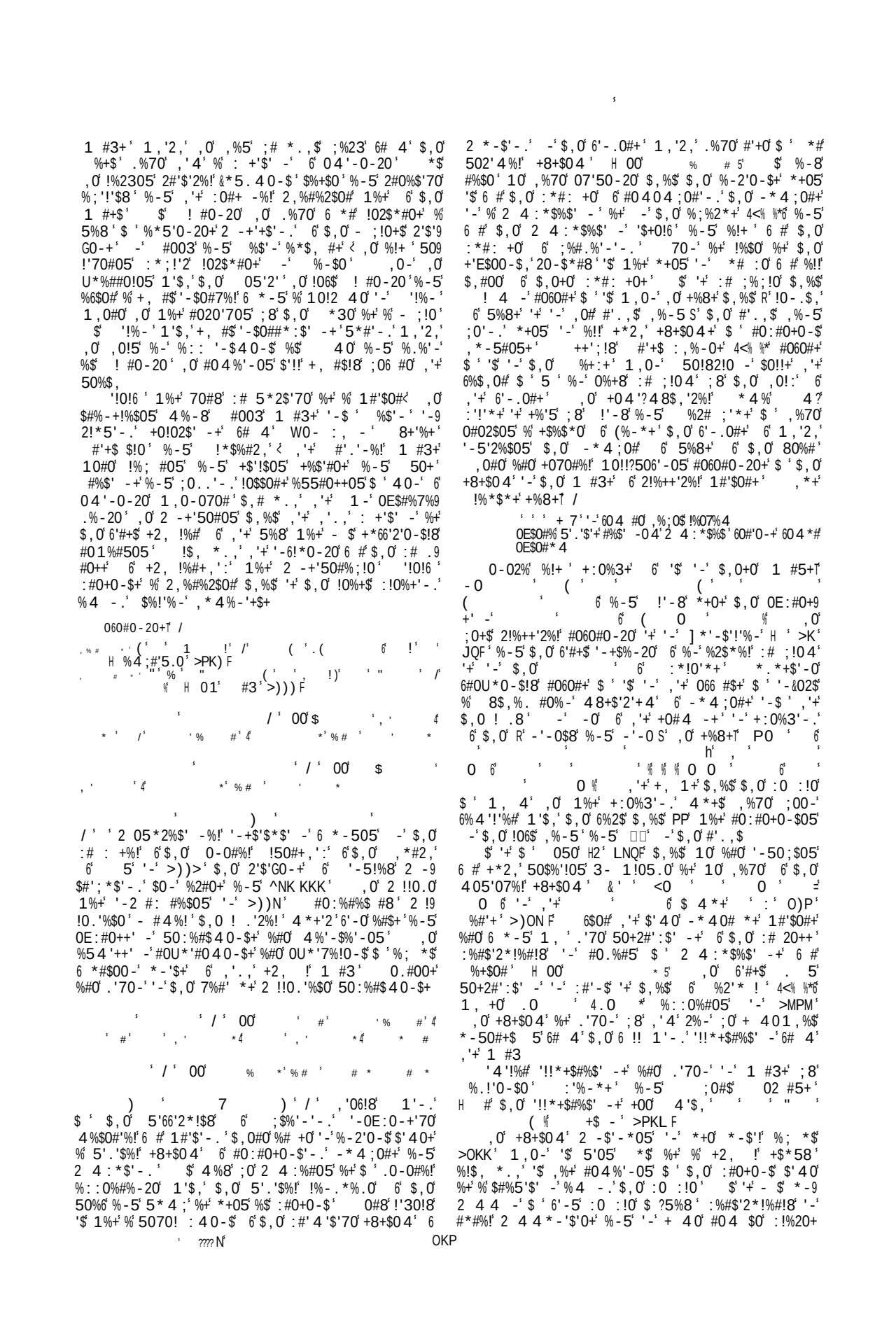
+'-.'-.' 5%-2'-.' 4*44'-.' #'$*%!' /'%#0' '-9
2 #: #%$05' H 00' % %'%# ' '% # 5
.%'-' :#0+0-$%$' -+' 6' #003' :!%8+' ,%70'
;02 40' 4 #0' -*40# *+'%-5' ,%70' !05' $ ' $,0'
0#02$' -' 6' #003'$,0%$0#+' +*2,'%+'$,0' ;0%*$'6*!'
0E%4:!0' %$ $,0' -'70#+'$8' 6' %!'6 #-'%' :9
: #$*-'$'0+' ,%70' %!+' ' ;00-' :# 7'505' 6 # $,0+0'
%-5' $,0# 6 #4+' 6' 5#%4%$'2' :#0+0-$%$' -' ;8'
$,0' 0#02$' -' 6' ,%!!+' 1'$,' +*'$%;!0' +$%.0' %22 49
4 5%$' -+' %-5' 6' !%#.0' +$%5'%' 6 # %$,!0$'2'
5'+:!%8+' !84:'2' .%40+' %-5' 4'+20!!%-0 *+
60+$'7%!+' +*2,'%+' $, +0' :# 7'505' %$' %#7%#5'
%-5' %2 4%
,0' +2, !+'$ ',%70' ;00-' 5070! :'-.' -01'
$8:0+' 6' +2, !' 60+$'7%!+' %-5' '4:# 7'-.' +*2,'
22%+' -+' %+' 2 440-2040-$' ;8' '-$# 5*2'-.'
'-' $,0' 6 #4' 6' :# 20++' -+' 20#04 -'0+' %-5'
5#%4%$'2' +20-0+' 0!040-$+' $,%$' 6 #' $,0' 6'#+$
$'40' ,%70' .'70-'%'.0-*'-0' 60+$%!' +:'#'$'$'$,0+0'
22%+' -+' ,0' $#%'-'-.' +2, !+' 4*+$' %!+'
;0' '-2!*505' ,0' +$ -' #4%!' 2, !'
20!0;#%$05'$,0' :0-'-.' 6'$+'-01';*'!5'-.+';8'
.'7'-.' %' .#0%$' %.0%-$' 6' 5*2%$' -' $,0'
3!8-' #%'-'-.' 2, !' 6 #' 0%2,0#+' %$9
$04:$05' + 40$,'-.' 6' $,0' +%40' + #$' %-5'
0%2,0#+' !!0.0' 01' #3' :# 5*205' !5'
-.!'+,'2%# !'-.+'%-5' ,#'+$4%+'#'$0+
'-%!!8' 4*+$' ;0'-+$%-205' $,0'5%-20'60+$'7%!+'
1,'2,' ,%70' ;00-' .'70-''-'$,0' :*;!'2' :%#3+''-'
,'2%. ' 01' #3' '$$+;*#.'%-5'0!+01,0#0'
%-5' ,%70' 2 -+'+$05' 6' -%$' -%!' 5%-20+' 2 -9
$#';*$05';8' :0 :!0' 6' 5'660#0-$' -%$' -%!'$'0+''-'
*# .#0%$' 2'$'0+' ' $,0+0' ,%70' ;00-' %5505'
5#%4%$'2' :#0+0-$%$' -+' $,*+' -' -0' 6' $,0'
+$ -' :!%8.# *-5+'$,0' #003' 48$,' 6' # 409
$,0*+' 1%+' :#0+0-$05''-' :%-$ 4'40' %-5' 5%-20'
,0' +0$$!040-$+' ,%70' %!+' .'70-' 0'$,0# ''-
+4%!!' :%#3+' #''-'$,0' 2! +05'+$#00$'!'$$!0' :!%8+'
#' :%-$ 4'40+'+*2,'6 # 0E%4:!0'%+'$,0' ;''-'
5' :!%8' # 4%+3'.'70-' ;8'$,0' #00-1'2,'
*+0''-' (-0+' $#00$' 01' #3'$,0'+$#00$
;0'-.' 2! +05'$'$#%66'2' 6 #'$,0' :*#: +0
,'+'#%:'5'+*#708'1 *!5';0''-2 4:!0$0'1'$,9
*$%#060#0-20'$'$,0'4%-8'4:#$%-$%$$04:$+'
'-' 1,'2,' 2,'!5#0-' ,%70' 6 #' $,0' 4 +$:%#$
:%#$'2':%$05'$'$'$#%-+6 #4'$,0' +0-+0!0+' %-5'
-'+8' 20!0;#%$' -' 6' $,0' *#$,' 6' (*!8' H -9
50:0-50-20' %8F'-$'%-' 22%+' -' 6''-$0#0+$9
'-.' %-5' :'2$*#0+U*0' 2 4404 #%$' -'/'R%
+%60' %-5'+%-0' *#$, S'%+'$',%+';00-'+$8!05'
-' :#'-.6'0!5' %++''-':%#$'2*!%#'%' .#0%$'
+$0:'6 #1%#5' ,%+';00-'$%30-''-'$,0'5'#02$'-'
6'+*;+$'$*$'-.'6 #'$,0''-5'7'5*%!'20!0;#%$'-'
6'$,0' 22%+'-';8'$,0'5'+2,%#.0' 6'$,0'6'#09
2#%230#' :# 20++'-+' 1'$,' 6! %$+' #0:#0+0-$'-.'
,'+$ #'2' 0:'+ '!0+'%-5' :0#+ -%.0+'%$,!0$'2' 2 -9
$0+$+' 5%-20+' 0$2' '$,' :#'-.6'0!5' +*2,'
2'$'0+'%+' $' %*!'%-5' '$$+;*#.'+, *!5';0' 40-9
$' -05' %+' !0%50#+' '-'$,'+' !%*5%;!0' 0-$0#:#'+0'
-'+ 40' +2, !+'%-5'! 2%!'$'0+'%+'4'!%# $#%-+9
6 #4%$' -' 6' %!! 10-0-' 1'$,' '$+' 4'+2,'06'
'$+' 50+$#*2$'70' %4*+040-$'%-5' '$+' %22'50-$+'
,%+';00-'%$$04:$05
0' 4*+$'- $' 70#! 3'$,0'+$#0%4' 6'$0-50-28'
'-'$,'+' 5'#02$' -'$,%$' ,%+' 6! 105' +$0%5'!8' 6# 4
$,0' 3'-50#.%#$0-' -' 4%-8'%+2, !' 1,0#0'
$,0#0''+' '$,0# 6 #4' 6' 60+$'7%!' $,0#0''+' %!9
1%8+' 40$,'-.''-'$,0' -%$*#0' 6' :%-$ 4'40'
%-5'40##8?4%3'-.'%# *-5'$,0'$#00''-'$,0'3'-50#9
.%#$0-' ,0' $,0 #'+$+' 1,' ,%70' !0%#-05' 6'
0;0!'%-5' 0+$%! GG'',%70'-$';00-'+! 1'$'
+0'G0'*:-'$,0'0E04:!'6'2%$' -'1,'2,'$,0'60+$'7%!'
%-5'%!!' 6 #4+' 6' 5#%4%$'2' 1 #3' '-'$,0' +2, !+'
,%70' 4%50' 6'$,0'-0.!02$05' 4 $ # 0!040-$'-'
$,0'05*2%$' -' 6'$,0'8*-.' $'+' - 1'2 44 -'
'-'$0E$; 3+' 6':05%. .8'$'6'-5'%:!0' 4%50' 6 #
$,0' 5070! :40-$' 6' $,0' 5#%4%$'2' '-+$'-2$+' 6'
$,0' 2,'!5' %+''-8 !7'-.'$,0' 4 +$ 7'$%!' 6 #4' 6'
!0%#-'-.' ;8' 5 '-.' 0%2,0#+' 6' $,0' :#'4%#8'
.#%50+',%70'2 40'$'+00'$,%$'$,0'2,'!5-+-%$*#%!'
1%8' 6' #0:# 5*2'-.'%+$ #8' # '!!*+$#%$'-.'%-'
'50%'+ - $'+' 4*2,' ;8' 1 #5' %+' ;8' 5#%4%$'2'
'4'$%$' -' 0-20' $,0' .# 1'-.' $0-50-28' $'
5#%4%$'G0' - $' -!8'$,0' #0%5'-.'!0++ -' ;*$'$,0'
,'+$ #8' %-5'$,0' .0 .#%:,8' 1 #3' 6'$,0' 2!%++'
,0' 4 +$' +$#'3'-.' *$2 40' 6'$,'+' $0-50-28'
'+' :0#,%:+' $,0' U*'23' 4*!$':!'2%$' -' 6' !%$0' 6'
5#%4%$'2' #0%50#+' 6' %!!' 3'-5+' %-5' 6' !'$$!0'
2 !!02$' -+' 6' :!%8+' 6 # 2,'!5#0-' 6' %!!' .#%50+'
'-'$,0' :#'4%#8' %-5' .#%44%#' +2, !+' ,%$'
+*2,' 1 #3' 7'7'6'0+' $,0' 2,'!5-+' -$0#0+$' -',+'
+$*5'0+',%+' ;00-' %;*-5%-$!8' 504 -+$#%$05'
,%$'$'4:#0++0+$,0' 4'-5'%+' -$,'-.'0!+0'50+'
'+' %!+' 2!0%#' 6' 6*#$,0# &*+$'6'2%$' -' 6' $,0'
5#%4%$'2' '50%'%-5' 40$,5' 10#0' -00505' '$
4',$' ;0' 6 *-5' '-'$,0' '-$0#0+$'-.',+$ #8' 6'
$,0' +, #$?!'705' 2,'!5#0-+ $,0%$0#' 2 -5*2$05'
;8' '++' 0#$+' %$' $,0' 5*2%$' -%!' !!'%-20' '-'
01' #3' '$8' $,0' 0&602$' 6' 1,'2,' 1%+' $'
.0-0#%$0'%-'*-:#02050-$05'5044%-5''-'$,0'!2%!'
!';#%#'0+' 6 #$,0' 1 #3+' 6' ,%30+:0%#0' #+'
*#-0$$' %#3' 1%'-'%-5' $,0#+' 6# 4'1,'2,'
$,0' 4%$0#'%!' $' ;0' :#0+0-$05' ;8' $,0' 8 *-.'
:!%80#+' 1%+' 5#%1-
=,0#0' 2%-';0'!'$$!0' 5 *;$'$,%$'$,'+' #020-$!8'
5070! :05'%$$0-$' -'$'$,0' '4:#$%-20' 6' $,0'
5#%4%$'2' 0!040-$' '-' 05*2%$' -' %-5' #02#0%$' -'
'+' -':%++'-.'6%5' ,0' 60+$'7%!' 4*+$' 1'-''$+
1%8' %+' %-' 05*2%$' -%!' '-+$#*40-$' *$' $,0'
1 #3'-.' *$' 6' 60+$'7%!' *-50#$%3'-.+' 4*+$' .'
6 #1%#5' +$0%5'!8' ;06 #0' %-8' +*+$%'-05' 066 #$'
2%-';0' 4%50' -'%!%#.0'+2%!0';8'+2, !'2,'!5#0-'
#'.# *:+' 6' +2, !+' -' :' #$*-'$8'6 #' $,0'
:%#$'2':%$' -' 6' +2, !' 2,'!5#0-'' -'$,0' .#0%$'
: :*!%# 60+$'7%!' 1%+' 660#05'%$' $,0'$'40' 6'$,0'
*5+-? *!$ -'20!0;#%$' -'' -' 01' #3' '$8'
;*$' 1'$,'$,0' 0E20:$' -' 6' -0' #$1' .#*:+'
6'$,0':*;!'2'+2, !'2,'!5#0-'$,0'50%'6%'!05' 6'
6*!6'!!40-$' !%; #%$0' :!%-+' 10#0' 2%#06*!!8'
4%50';8'0E:0#$+';*$'$,0': !'$'2'%-+'!%'5'.#%+:9
'-.',%-5+*: -'$,04' %-8' ++';'!'$'0+' %#0'
+*..0+$05';8' $,0' :%$,0$'2' %8' :%#$'0+' ,0!5'
070#8' +:#'-.';8' .# *:+' 6' 2,'!5#0-'6# 4' $,0'
: #0# 5'+$#'2$+' 6' 01' #3' '-' 0-$#%!' %#3'
6'$,%$'2'$8' ,0+0'%1%'$'%$#%-+6 #4'-.',%-5'
02%*+0''$'+'%-%$*#%!',+$ #'2' 6 #4' 6' 2,'!5'+,'
%4*+040-$' %-5' 2*!$*#0'1,'2,' ,%+' 6 *-5' '$+'
:!%20' %4 -.'$,0' 2,'!5#0-'5*#'-.'$,0'! -.'
20-$*#'0+' 6'$,0' :%+$'$,0' 60+$'7%!' %+' %' 2 49
;'-%$' -' 6'+'-.'-.'%-5'5%-2'-.'4%#2,'-.'%-5



OKQ



=E=



'- *# :0 1 , 4 *!$':!8 -$,0 6'-.0#+ 0E%2$!8 %#$,0 %-2'0-$#+ 5'5 ,*+$ 4 *!$':!8 L ;8 #%'+0 N 6'-.0#+ - -0 ,%-5 %-5 J -$,0 $,0# H+'-20 Q q N m L - %-5 Q q J m F ,0- %55 $,0 #%'+05 6'-.0#+ HN q J m QF %-5 4 *!$':!8 $,0 $,0#+ H N W J m F %-5 $,0 #0+*!$ '+ Q $0-+ q # QO '4'!%#!8 W P '+ HJ q MF $0-+ %-5 W *-'$+

$ 1050- 1'$, 1 ,'2,''$ 1%+ *-'$05 6# 4 $,0 6 *#$00-$,$ $ $,0 -'-0$00-$, 20-$*#8 $,0 #09 6 #405 #0!'.' -% -5 $,0 5'66*+05 +0-+0 6 -%$' -%!+ !'5%#'$8 *!!8 PK :0# 20-$ 6 $,0 :0 :!0 %#0 %5,0#0-$+ 6 $,0 *$,0#%- ,*#2, %-5 6'70 20-$*#'0+ 6 *-+10#7'-.507 $' -$ $'$+ 5 2$#'-0+ %-5 5'+2':!'-0',%70 5070! :05 %4 -. $,04 % 500: +0-+0 6 4 #%!+0: -+';'!'$8 1,'!0 $,0 0E0#2'+0 6 $,0 6#%-2,'+0 1,'2, ;09 .'--'-.''-$,0 +070-$00-$,' 20-$*#8 1'$,' 10!!? 506'-05 2!%++ 5'+$'-2$' -+ 1%+ #020-$!8 :!%205 -% : :*!%# ;%+'+ ,%+ 5070! :05 0U*%!!8 $,0 :%$#' $'2 +:'#'$

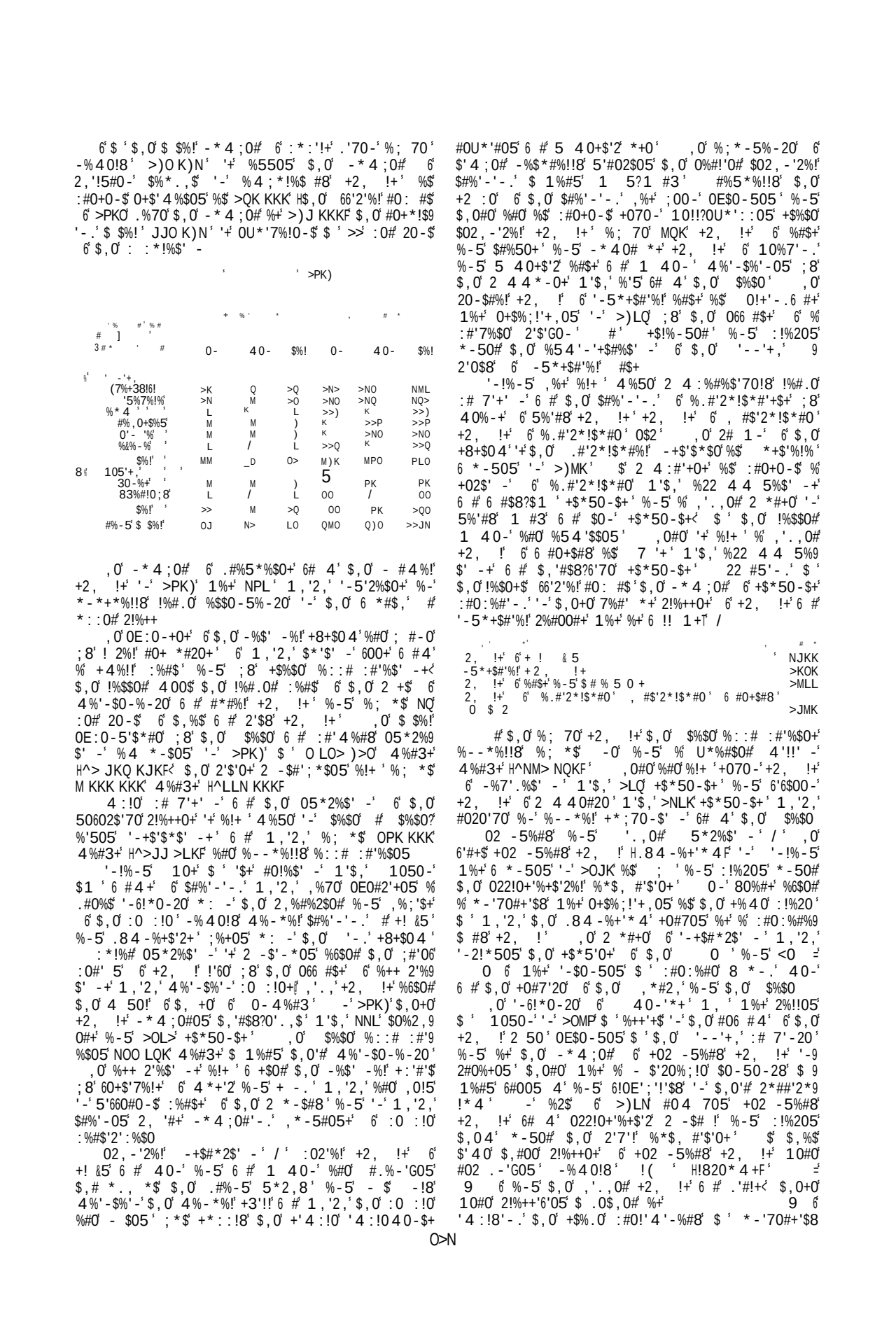
#'4%#8 5*2%$' - / ,0#0 %#0 :#%2$'2%!!8 $1 +8+$04+ 6 05*2%$' -'- '-!%-5 -0 2!0#'2%!' $,0 $,0# -%$' -%!' ,0 6 #40# %# +0 6# 4 $,0 2,*#2,' #0U*'#040-$ $,%$ $,0 2!0#.8 +, *!5 0E%4'-0 %!+ 2,'!5#0-' 6 $,0'# #0+:02$'70 :%#'+,0+%$!0%+$ -20 %80%#'-'#0%5'-.'%-5 $,0 %$02,'+4 8 $,0 022!0+'%+$'2%!+ 2 50 6 >0)0 $,'+ 0!040-$%#8 3- 1!05.0 1%+ 4%50 %:#09 #0U*'+'$0 $ 2 44*-' -'%-5 !%$0# 2 50+ '-' :%#$'2*!%#$,%$ 6 >)OP ,%70 4%50 '$;!'.%$ #8 *: -$,02 44*-0+$:#7'50+*2,'0!040-$%#8 '-+$#*2$' -'6 # 2,'!5#0-' 1, +0 :%#0-$+ %#0 *-9 %;!0 $ 5 + ,0 %--*%!+0E%4'-%$' -';8$,0 :%#'+,':%+$ # '+ %#0.*!%# 60$0 5%8 6 # 2,'!5#0-' %-5 %5*!$+ %-5 '$+ '4: #$%-20 '+ '-2#0%+05 ;8 $,0 6%2$ $,%$ 070#8 6'70 80%#+ #0: #$+ 6 $,0 0E%4'-%$' -+ %#0 6 #1%#505 $ $,0 20-$#%! %#5 6 5*2%$' - ,0 %4;*!%$ #8 +2, !+ .#01 *$ 6 $,'+ ;!'.%$ #8 2!0#'2%!' '-+$#*2$' - -'%22 #5%-20 1'$, $,0 022!0+'%+$'2%!' 2 50 070#8 :%#'+,'+ 5'7'505 '-$ +2, !' 2'#2!0+ # 5'+$#'2$+ 7%#8'-.''-'-*4;0# %-5 % $0%2,0# '+ %:: '-$05 6 # 0%2,'2'#2!0 ,0 $0%2,0# 4%30+ $,0 $ *# 6 $,0 2'#2!0 '-'%+2, !%+$'2 80%# #09 4%'-'-,''-'0%2,' 6 $,0 %++'.-05 7'!!%.0+ 6# 4 6 *# $ 0'.,$ 1003+ $0%2,'-.' $,0 2,'!5#0-' 6 $,0 -0'.,; #'-.',%4!0$+ %-5 $,0-:%++'-.' - $ $,0 -0E$ 7'!!%.0

%#!8''-'$,0 --0$00-$,'20-$*#8 % 4 7040-$ 6 # -%$' -%!' 05*2%$' - 1%+ +$%#$05 ;8 !0%5'-.' 40-''-'$,0 :# 7'-20 %-5 .%'-05 $,0 +*:: #$ 6 $,0 4:0# # !0E%-50# ,0 2,'06 :# 4 $0# 6 $,0 4 7040-$ 1%+ - 8.-+0*+ 1, 1%+ %-'%#50-$ %57 2%$0 6 $,0 504 2#%$'2 '50%+ $,0-#'60 '-' *# :0 %7'-.';00-' %:9 :'-$05 '-+:02$ # 6 0!040-$%#8 +2, !+ I 89 .-+0*+ 4%50 %-'0E$0-505 $ *# 6 # $,0 :*#: +0 6 +$*58'-.' $,0 +8+$04+ %-5 :#'-2':!0+ 6 :*!%# 05*2%$' -'-' 0#4%-8 #%-20 %-5 1'$G0#!%-5 '+ :#%2$'2%!' 1 #3 '-' ,'+ 1-2 *-$#8 ;0.%-'1'$,'$,0'0+$%;!'+,40-$ 6 %- #9 4%!+2, !%$ (87%+38!%'-'>)OJ -$,04 50! 6 $, +0 '-' 1'$G0#!%-5 $ 1!%+ % #0+'50-$'%!' +2, !2-5*2$05 -' 0+$%! GG'%-:#'-2':!0+ $,0 $'40 6 $,0 +$*50-$+ ;0'-.'5'7'505 ;0$100-' +$*5'0+ 5 40+$'2 '-5*+$#'0+ %-5 1 #3 '-' $,0 .%#50-' %-5 6'0!5 ,0 +2, !50:%#$05 6# 4 $,0 1'++ 4 50!+ ;8 $,0 %54'++'-6 ; $,' +0E0+'%!$, *.,'$,08 10#0'-+$#*2$05 '-' +0:%#%$0 +02$' -+

,0 6 *-5%$' -6 $,0 :#'4%#8 +2, !+8+$04 1%+ !%'5 ;8 $,0 #5'-%-20 6 >)OO 1,'2,' #0?

U*'#05 070#8 *#;%- 2 4 4 *-0 $ 0+$%;!'+, %
+*66'2'0-$ - * 4 ;0# 6 :#'4%#8 +2, !+ 6 # $,0
%22 4 4 5%$' - 6 %!! 2,'!5#0- ;0$100- 0'.,$
%-5 6 *#$00- 80%#+ 6 %.0 %-5 $ 660# % :#09
+2#';05 :# .#%4 6 +$*5'0+ ,0+0 +2, !+
10#0 $;0 +*:: #$05 ;8 $,0 2 4 4*-0+ 1'$,
%'5 6# 4 $,0 +$%$0 $#0%+*#8 %-5 $;0 *-50#
:*;!'2 '-+:02$' - + #0.%#5+ #*#%! 5'+$#'2$+
$,0 #5'-%-20 6 >)OO +'4 :!8 :# 7'505 $,%$ $,0
%4;*!%$ #8 +2, !+ +, *!5 ;0 #02 .-'G05 +
6%# %+ $,08 10#0 :#0:%#%$ #8 $ $,0 :#'4%#8
+2, !+ :# :0# # $,'+ :*#: +0 '$ 1%+ #09
U*'#05 $,%$ - %55'$' - $ #0%5'-. %-5 #0!'.' *+
'-+$#*2$' - $,0 :*:'!+ +, *!5 ;0 $%*.,$ $,0
0!040-$+ 6 1#'$'-. %#'$,40$'2 %-5 +'-.'-.
8 %- #5'-%-20 6 7 NM >)OP $,0
.0-0#%! %54'-'+$#%$' - 6 $,0 -%$' -%! +8+$04
6 :#'4%#8 05*2%$' - %+ 10!! %+ $,%$ 6 $,0 +029
-5%#8 +2, !+ 1,'2, ,0#0$ 6 #0 ,%5 ;00-
*-50# 022!0+'%+$'2%! 5'#02$' - 1%+ 70+$05 '- %
20-$#%!'; %#5 # 2 *-2'! 6 05*2%$' - / !
 / .9 % ,0 404;0#+ 6 $,'+
2 *-2'!'%#0 %:: '-$05;8 $,0 0-%$0 H2 -+$'$*$05
;8 '4:0#'%! %:: '-$40-$F *: - $,0 - 4'-%$' -
6 $,0 '0$ H!0.'+!%$'70 %++04;!8F ,0 0E02*9
$'70 2,'06 6 $,0 +8+$04 $,0' '#02$ #? 0-0#%!
'+ %!+ %:: '-$05;8 $,0 0-%$0 - %++'+$%-$
5'#02$ # ,%+ 2,%#.0 6 :#'4%#8 05*2%$' - %-5
$,0#0 %#0 . 70#-40-$'-+:02$ #+ 6 # ; $, +029
-5%#8 %-5 :#'4%#8 +2, !+
 ,0 0+$%;!'+,40-$ %-5 5'#02$ 2 -$# ! 6
:#'4%#8 +2, !+ #0+$ 1'$, ! 2%! ; %#5+ #
2 4 4 '$$00+ - 1,'2, $,0 2!0#.8 %#0 %!1%8+
#0:#0+0-$05 $,0 #.%-'G%$' - %-5 :# .#%4+ 6
$,0 +2, !+ %#0 50$0#4'-05 ;8 #0.*!%$' -+
04%-%$'-.'6# 4 $,0 20-$#%!; %#5 ,0 *#;%-
+2, !+ %#0 H F 0!040-$%#8 :#'4%#8 +2, !+ 6 #
2,'!5#0- +070- $ -'-0 80%#+ 6 %.0 H F #5'-%#8
:#'4%#8 +2, !+ 6 #2,'!5#0- -'-0 $ $,'#$00- HJF
2 4:!040-$%#8 # 2 -$'-*%$' - +2, !+ 1'$,%
-0?80%# 2 *#+0 ,0#0 %#0 %!+ :#0:%#%$ #8
+2, !+ 1'$,%2 *#+0 6 $1 80%#+ 6 # 2,'!5#0-
1, ,%70 #0%2,05 $,0 %.0 6 $0- 80%#+ %-5 ,%70
- $!0%#-05 $ #0%5 %*E'!'%#8 +2, !+ 6 # 600;!09
4'-505 2,'!5#0- %-5 070-'-. +2, !+ 6 #
:*:'!+ %; 70 $10!70 80%#+ 6 %.0 1, %#0
*-%;!0 $ $$$0-5 5%8 2, !+
 ,0 0!040-$%#8 :#'4%#8 +2, !+ %#0 4'E05
%+ #0.%#5+ +0E 1,0- $,0 ,'.,0# :#'4%#'0+ %#0
#0%2,05 ; 8+ %-5 .'#!+ $$$0-5 +0:%#%$0 +2, !+
,0 2 *#+0 6 +$*58 6 # $,0 0!040-$%#8 +2, !+
'-2!*50+ #0!'.' - H+*:0#7'+05 ;8 $,0 2!0#.8F
#0%5'-. 1#'$'-. $,0 4 $,0# $ -.*0 %#'$,9
40$'2 .0 40$#'2 6'.*#0+ 5#%1'-. +'-.'-. %-5
.84-%+$'2+ $ $,0+0 ;#%-2,0+ %#0 %5505 '- $,0
:0# +02$' - ,'+$ #8 .0 .#%:,8 $,0 40%+#09
40-$ 6 +*#6%20+ %-5 7 !*40+ $,0 -%$*#%!
+2'0-20+ %-5 4%-*%! $#%'-'-.
 $ 1%+ - $ *-$'! >)P $,%$ $,0 #*#%! 2 49
4*-0+ 10#0 #0U*'#05;8 !%1 H %8 NM $ 0+$%;9
!'+, :*;!'2 :#'4%#8 +2, !+ ,0 #*#%! +2, !
5'+$#'2$+ 4*+$;0 + %##%-.05 $,%$ % +2, !
4%8 ;0 :!%205 1'$,'-6'70 3'! 40$0#+ 6 070#8
6%4'!8 70- ;06 #0 $,0 :%++%.0 6 $,'+ !%1
-0%#!8 070#8 #*#%! 5'+$#'2$,%5 0+$%;!'+,05 %$
!0%+$ -0 :#'4%#8 +2, ! ,0 #*#%! :#'4%#8
+2, !+ 2 ##0+: -5 '- % +0-+0 $ $,0 *:0#
+02$' - 6 $,0 2'$8 +2, !+ ,08 %#0 $0#405
 /99 6 %+ 2,'!5#0-0-$0# $,04 %$ -'-0
80%#+ 6 %.0 %6$0# 2 4:!0$'-. $,0 0!040-$%#8
+$%.0 ;8 40%-+ 0'$,0# 6 $,0 %4;*!%$ #8
+2, ! # %-'-6%-$ +2, ! 8+ %-5 .'#!+ %#0
'-+$#*2$05 $ .0$,0# '- $,0 #*#%! :#'4%#'0+
,0 :# .#%4 '+ 4 50!05 + 6%# %+ : ++';!0
*: -$,%$6 # $,0 *#;%-+2, !+ ,0 :#'4%#8
+2, !+ %#0 - $6#00';*$ $,0 600+ %#0 +4%!!%-5
4%8 ;0 %-5 6$0- %#0 #04'$$05 6$0# $,0
0!040-$%#8 +$%.0 '+ :%++05 +2, ! %$$0-5%-20
'+ - $2 4:*!+ #8 70-'-.+2, !+ %#0 4%'-9
$%'-05 6 # ; $,'; 8+ %-5 .'#!+ %; 70 $10!70
80%#+ 6 %.0 1, %#0 *-%;!0 $ 2 -$'-*0 %$9
$0-5%-20 *: -5%8 +2, !+ !%++0+ 6 # %5*!$+
%#0 4%'-$%'-05 ; $,'-2'$'0+ %-5 '- #*#%!
5'+$#'2$+ %-5 '6 $,08 6 !! 1 $,0 66'2'%! 2 *#+0
$,08 #020'70 %+*;70-$' -6# 4 $,0 $%$0
 (% / ,0 !%1 #0U*'#0+ $,%$ %!!
$0%2,0#+ 6 :#'4%#8 +2, !+ +,%!;0 $#%'-05
%-5 $,0 6'#+$ - #4%!+2, ! 0+$%;!'+,05;8 -
8.-%0*+ ,%+;00-'6 !! 105;8 $,0#+ +'$*%$05
%$ 2 -70-'0-$ 20-$0#+ *$ %+ :#'4%#8 +2, !+
4*!$':!8 '- $,0 #*#%! 5'+$#'2$+ '$ '+ - $ %!1%8+
: ++';!0 $ +02*#0 $#%'-05 $0%2,0#+ 6 # $,04
0%2,0#+ 2 -60#0-20+ %#0 2 -5*2$05;8 $,0
5'+$#'2$ '-+:02$ #+ %$ 1,'2, :#'-2':!0+ %-5
40$, 5+ 6 :#'4%#8 05*2%$' - %#0 0E: *-505
%-5 $,0 :# 60++' -%! :'#'$ '+ +$'4*!%$05 %4 -.
$,0 $0%2,0#+ ;8 $,0'# :%#$'2':%$' - '- $,0
.0-0#%! 400$'-.2%!!05 ;8 $,0 20-$#%! 5'#02$ #
070#8 $,#00 80%#+ 6 # $,0 5'+2*++' - 6 :#9
.#%4+ %-5 40$, 5+
 0%2,0#+ +%!%#'0+ 7%#8 .#0%$!8 ,0 4%E'9
4*4 '+ #0%2,05 '- 0!+'-.6 #+ 1,0#0 $,0
5'#02$ # # 4%+$0# 6 %+2, ! #020'70+ JPKK
4%#3+ %80%# H LQKF %-5 %5'#02$#0++ JJKK 4%#3+
H^OJLF - $,0 +4%!!0# 2'$'0+ $,0 %--*%!
+%!%#8 5 0+ - $ 0E2005 $,%$:%'5 '- #*#%!
+2, !+ ,0 $%$0 .*%#%-$00+ % 4'-'4*4
+%!%#8 1'$, '-2#040-$+ 6 -0$0-$, %$ +$%$05
'-$0#7%!+ 6$0# $,'#$8 80%#+ +0#7'20 %$0%2,0#
'+0-$'$!05'$ '%:0+' -'%4 *-$'-.'$ 4%#3+
%80%#6 #%4%-'%-5 $ LQK 4%#6'6 #%1 4%-
. (% / ,0 5'+$#';*$' - 6 :*:'!+ %-5
$0%2,0#+ %4 -.$,0 7%#' *+ 2!%++0+ 6 :#'4%#8
+2, !+ '- >PKP 1%+ %+ 6 !! 1+ /

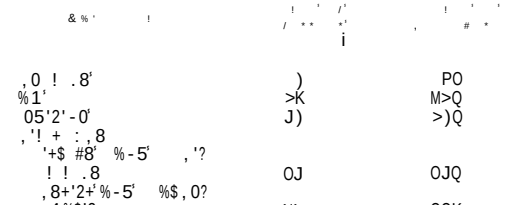
	+ % ' *					#
% * * * @						
	0- 40- 9	$%!	8+	'#!+	$%!	
*#%! +2, !+ -6%-$ >Q)J						J) MLP
'.,0# :#'4%#8 #;%- :#'?	NOOJ	>0)>	>Q>P	J>PL	Q) P)P	QJ JLJ	>>N JON
+2, !+ 70-'-		J>>	)Q>	>>0N	>0 LLK	>0)JO	JJ OKO
+2, !+ $,0# :#'?					JO>	JL>	LJN
4%#8					NMP	OQM	PKJ
$%!					LO JOP	L> NJM	>)O K)N



+$*5'0+ ,0 !820*4+ %#0 5'7'505 '-$ $,0 '-60#' #1,'2,',%70 %6 *# 80%#+ 2 *#+0%-5 $,0 ,'.,0#%-0'.,$ 80%#+ 2 *#+0 $,0 !%$$0#' #6*!!?2 *#+0 !820*4 :#0:%#0+ +$*50-$+6 # %54'++' -$ $,0 *-'70#+'$8 %-5 '-!'30 4%-9 -0# $,0 2 *#+0+ 6 $,0 #0%!+3 !0# !0%5 $ $,0 $02,-'2%!,'.,+2, !

22 #5'-.$ $ $,0 !%$0+$ 66'2'%! +$%$'+$'2+ H>PK)F $,0 $10-$8?+'E +$%$0 !820*4+ 6 # ; 8+ ,%5 MNL :# 60++ #+ %-5 OMNO +$*50-$+ %-5 $,0 +070- +$%$0 9 6 # ; 8+ >KJ :# 60++ #+ %-5 ON> +$*50-$+ ,0#0 10#0 %!+ +'E$00-+$%$0 +02 -5%#8 +2, !+6 #.'#!+1'$,%6 #20 6 NMM $0%2,0#+ %-5 JM>P +$*50-$+ ,'+ :*;!'2 :# 7'+' -1%+ +*::!040-$05 ;8:#'7%$0 +02 -59 %#8 +2, !+6 7%#' *+$8:0+1'$,%-0-# !!40-$ 6 >> LNN :*:'!+ HMNNK ; 8+ LQKN .'#!+F #$,0 2*##0-$ 0E:0-5'$*#0 6 +02 -5%#8 +2, !+$,0 +$%$0 %::# :#'%$' -''->PK) %4 *-$05 '-# *-5 -*4;0#+$ Q KKK KKK 4%#3+ H?>POQ KKKF 6 $,'+ %4 *-$ QJ :0# 20-$ 10-$ $:*;!'2 +02 -5%#8 +2, !+6 # ; 8+ >O :0# 20-$ $ $,0 2 ##0+: -5'-.+2, !+6 # .'#!+ $,0 #04%'-'-. J> :0# 20-$ 1%+ 5'+$#';*$05 %4 -.$,0 :#'7%$0 +02 -5%#8 +2, !+

,0 !0E%-50# -'70#+'$8 1%+ #04 705 6# 4 ; $ 0!+'-.6 #+ '-)NL $,0 #'.'-%!;*'!59 '-.+ ,%7'-. ;00- 50+$# 805 ;8 6'#0' ,0 :#0+0-$2 -+$'$*$' -1%+ %5 :$05 '-)QN ;*$ $,0 *-'70#+'$8 ,%+ ,%5 4%#305 '-2#0%+0 '-+2 :0 %-5 #0+ *#20+ +'-20 $,%$ 5%$0 *-'U*0 60%$*#0 6 $,0 '-$0#-%! !'60 6 $,0 '-+$'9 $*$' -'+ $,0 #.%-'G%$' -'-+'E R -%$' -+S ;%+05 *: -$,0 +*;5'7'+' -+ 6 $,0 .#%-5 5*2,8 70#8 +$*50-$ 4*+$ 0-# !! ,'4+0!6'-0 6 $,0+0 R -%$' -+S 0%2, 6 1,'2,',%+ %2 -+$'$*$' -%-5 5'+2':!'-%#8 :10#+ 6 '$+ 1-%$0#$,0 4%--0# 6 $,0 R -%$' -+S '-$,0 !50# *-'70#+'$'0+ ,0 !! 1'-.$%;!0 +, 1+ $,0 5'+$#';*$' -6 :# 60++ #+ %-5 +$*50-$+ ;8 6%2*!$'0+ '-PKP /



,0 '-2 40 6 $,0 *-'70#+'$8 '-PK) %4 *-$05 $ N QKK KKK 4%#3+ H^M)N QKKF 6 1,'2,'>LJK KKK 4%#3+ # OP :0# 20-$ 1%+ $,0 +$%$0 %::# :#'%$' - ,0 $02,-'2%! ,'.,+2, ! '+ $,0 6 #40# !8$02,-'2 -+$'$*$0 #0 #.%-'G05 '-%22 #5?

f -2!*50+ MMK 1 40-

%-20 1'$,%!%1 6 :#' N >PK) $2 49 :#'+0+ 6'70 +02$' -+ %+ 6 !! 1+ %#2,'02*#0 0-.'-00#'-. 402,%-'2%! 0-.'-00#'-. 2,049 '+$#8 2%#:0-$#8 ,0 2 *#+0 6 +$*58 '+6 *# 80%#+ '-$,0 6'#+$ 6 *# +02$' -+ $,#00 80%#+ '-$,0 !%+$,0 $ $%!' -*4;0# 6 +$*50-$+ '-PKP 1%+ JMP $*50-$+ 1,'2 4:!0$0 0'$,0# 2 *#+0 %-5 :%++ $,0 6'-%! 0E%4'-%$' - #020'70 $,0 5':! 4% 6 $,0 +2, !'-+2#';05 1'$,'$,0 -%40 6 $,0 #0+:02$'70 +02$' - %-5'5%$0+ 6 # $,0 5 2$ #+ 50.#00 4*+$,%70 $,0 5':! 4% 6 $,0 +2, !'4*+$:#0+0-$%$,0+'+04; 58'-.$,0 #0+*!$+ 6 #'.'-%!''-70+$'.%$' -%-5 :%++ %'+:02'%! 0E%4'-%$' - '30 $,0 *-'70#+'$8 $,'+'-+$'$*$' -'+4%#305 ;8 +2, !%+$'2 ;#0%5$,%-5 6#005 4 ,0 :#+:0#'$8 %-5 -%$' -%! 2,%#%2$0# 6$,0 '-+,'+8+$04 6 05*2%$' -%#0 $,#0%$0-05 ;8$,0#020-$ 5'++ !*$' - 6$,0 '0$ %-5 $,0 $#%-+60# 6 '$+ :#0# .%$'70+ $ $,0 *++'%-. 70#-40-$

O60#0-20+ /

H O!+'-.6 #+ >PKK F

H O!+'-.6 #+ >)PM F

3 = 0('5 6 02 (0 0 2 6 >))P H O!+'-.9 6 #+ >))P F

E (9 9 9 (!9 (6 ,'8)+7'5 (K 2 9 /'5 6 :*;!'+,05 ;8$,0 20-$#%! +$%$'+$'2%! ;*#0%*' 6 !%-5 01'+0#'0+ >PKN $ >PKP H O!+'-.6 #+ >PKP F

0 / (0 1 H O!+'-.6 #+ >PKJ F

5 H >L>Q?>LOOF / !!0.0 :#0+'50-$ 05*2%$05 '-:#'7%$0 +2, !+ '-#09 !%-5 %-5 ,'!%50!:,'%,0 1%+ 6 # 4%-8 80%#+ :#'-2':%! 6 %- %2%50 48 '- %#8!%-5 %-5 1%+ :#0+'50-$ 6 #'-20$ - !!0.0 6# 4 >LO $ >LOO

/ #2, !*559 '-.+ / ,0 :#;!04 6 6'#0:#02' -'+ -0 6 .#0%$ '4:#$%-20 '-$,0 ;*'!5'-. 6 +2, !+ %$$04:$'+4%50 ,0#0$ 50%! 1'$,'$,0 :*#0!8 $02,-'2%!+'50 6$,0 U*0+$' -;*$6 #$,0 .0-0#%! #0%50# $,0 6 !! 1'-.': '-$+'-2!*50$,0 0++0-$'%!+ 6 6'#0:#02' -/

>' ,0#070# :++';!0 %!! +2, !;*'!5'-.+ 0+:02'%!!8 '-2'$'0+ +, *!5 ;0 6 6'#0:# 6 2 -9 +$#*2$' - ,08 %#0 - $ -!8 +%60#;*$%#0 4 #0 02 - 4'2%! '-$,0 ! -.#*- $'+ :0#602$!8 : ++';!0 %$ $,'+ $'40 $;*'!5 +2, !, *+0+ %+ 10!! %+ $,0# ;*'!5'-.+$, # *.,!8 :# 6%.%'-+$ 6'#0 6# 4 1'$,'- 1'$, *$ 0-$%'!'-.' % 1%+$06*! 0E:0-5'$*#0 6 4 -08 ;*$ '$ '+ 4*2, 4 #0 5'66'2*!$'%-5 :0#,%:+'4: ++';!0 $ 2 -+$#*2$ %; *'!5'-.' $,%$ 1'!! 1'$,+$%-5 % 2 -6!%.#%$' - -.0-0#%! , 1070#$,0#0 +, *!5 ;0 - -005 6 ;*'!5'-. +2, !, *+0+ '- ! 2%$' -+ 1,'2,' 1'!! 504%-5 :# 02' -6# 4 $,0 5%-.0# 6 6'#0 6# 4 1'$, *$ 6 # $,08 *.,$ $;0 + 6%# #04 705

!' (!

6# 4' -0'. , ; #'-.'+$#*2$*#0+'$,%$'$,08'1 *!5' ;0' +%60' 6# 4' +*2,' 2 -$'-.0-2'0+' -' 2'$'0+' 1 ,0#0' '$' +00 4+' $ ' ;0' '4 :#%2$'2%;!0' $ ' '+ !%$0' +2, !' ;*'!5'-.+' +*66'2'0-$!8' 6# 4' $,0#' '-6!%4 4 %;!0' +$#*2$*#0+' + '%+' $ ' :# 02'$,04'6# 4' 5%-.0#' '$' '+' -070#$,0!0++' $#*0' $,%$' $, # *. ,' :# 02' -' 6# 4' 1'$,'-' :#%2$'2%!!8' 0!' 4'-%$0+' $,0' 5%-.0# $ ' $,0' !'70+' 6' $,0' 2,'!5#0-' '-' %!!' 5%8' +2, !+' ,0-' +2, !' ;*'!5'-.+' %#0' 0-5%-.0#05' 6# 4' 6'#0' '-' -0'. , ; #'-.' +$#*2$*#0+' '$' 1 *!5' #%#0!8' '6' 070#' ,%: :0-' $,%$' +*66'2'0-$' $'4 0' %-5' 1%#-'-.' 2 *!5' - $' ;0' .'70-' $ ' $,0' 2,'!5#0-' $ ' 0+2%:0' '-' +%60' %-5' #50#!8' 6%+,' - ' ,0' ;0+$' %57'20' $,0-' $,%$' 2%-' : ++';!8' ;0' .'70-' $ ' $, +0' 1, +0' 5*$8' '$' '+' $ ' :!%-' %-5' 2 -+$#*2$' *# :*;!'2' +2, !' ;*'!5'-.+' '+' $ ' 4%30' $,04' $, # *. ,!8' 6'#0:# 6' 6# 4' 1'$,'-' %-5' '6' : ++';!0' ! 2%$0' $,04' 1,0#0' $,08' 1'!!' - $' ;0' 0-5%-.0#05' 6# 4' 1'$, *$' %#5'-.'+2, !+' %-5' 5 #4'$ #'0+' 509 4%-5' +$'!!' .#0%$0#' 2%#0' '-' $,'+' 5'#02$' -'6 #,0#0' $,0' :*:'!+' %#0' 4 #0' +0#' *+!8' 0E: +05' 5%8' %-5' -'.,$

,0 #0$'2%!!8' $,0#0' +, *!5' - ' ! -.0# ;0' %-8' -005' $ '$#8' $ ' '4 :#0++' *: -' ; %#5+' 6' 05*2%$' -' $,0' 1%+$06*!-0++' 6' $'4 0' %-5' $,0' '-+%-'$%#8' #09 +*!$+' 6' ! 2%$'-.'% +2, !' ;*'!5'-.' -' % +4%!!' ! $' -0%#' $,0#' ;*'!5'-.+' # -0%#' 5*+$8' +$#00$+' $' ,%+' ;00-' 504 -+$#%$05' %.%'-' %-5' %.%'-' $,%$' '6' *# 2,'!5#0-' %#0' 0E:02$05' $ ' 5 ' $,0'# 1 #3' 1'$,'$,0'!0%+$ 1%+$0' 6'$'4 0' %-5' -0#7 *+' 0-0#.8' $,08' 4 *+$' ;0' 6*#-'+,05' %U*'0$' :!%20' '-' 1,'2,'$ ' 5 ' $,0'# 1 #3' '301'+0' '-70+$'.%$' -+' ,%70' +, 1-'$,%$' +2, !' ;*'!5'-.+' 4 *+$' ;0' #0 4 705' %+%60' 5'+$%-20' 6# 4' $,0#' ;*'!5'-.+' '-' #50#' $ ' .0$'!'.,$'-' +*66'2'0-$ %4 *-$' %-5' 6' $,0' :# :0# U*%!'$8' $ ' +%70' $,0' 080+' 6' $,0' 2,'!5#0-' 6# 4' *--020++%#8'+$#%'-' 5*0' $ '!%23' 6'!'.,$' %-5' .!%#9 '-.' #06!02$' -+' 5&%20-$'# %51%8+' # +$#00$+' '-' %55'$' -' $ ' $,0' -'+0' 6' 70,'2!0+' 4%30' '$ %! 4 +$' '4 : ++';!0' $ ' 300:' $,0' %'# '-' +2, !9 # 4+' 6# 4'6'!!'-.'1'$,'5*+$'%-5'5'#$' 6'%5%-.0#9 *+' 2,%#%2$0#' $' '+' :!%'-' $,0-' $,%$'-$' -!8' 6 # $,0' +%30' 6' :# 02' -' 6# 4' 6'#0+' #'.'-%$'-.' *$+'50' ';*$6 # 4%-8' $,0#' #0%+ -+' '$' '+' % 4%$$0#' 6' 7'$%!' 4 40-$ $,%$' +2, !' ;*'!5'-.+', *!5' ;0' 2 -+$#*2$05' -'%!%#.0' ! $' -' +%60' ! 2%$' -

N' !!' +2, !, *+0+' 6' $1 ' # 4 #0' # 4+'6 # 6#0+,' %'# '+' 2%#06*!!8' :# $02$05' %.%'-+$' 6'#0 +, *!5' ;0' ,0%$05' ;8'+ 40'+ #$' 6'20-$#%!',0%$'-.' +8+$0 4 ' ,0-' $,'+' '+' :!%205' '-' %' ;%+0 40-$' '-' ;*'!5'-.+' 6' 1 50-' 2 -+$#*2$' -' $,0' 6! # & '+$+' %; 70'$,0'6*#-%20' #' '!0#+'+, *!5' ;0' %509 U*%$0!8' :# $02$05' ;8' %+;0+$'-.' %#5+' %-5' .%!9 7%-'G05' '# -' # + 40' 0U*%!!8' 0662$'70' :# $029 $' -' ,0' ;%+040-$' 6! #+' %-5' 1%!!+', *!5' ;0' 6'2040-$' -'$, +0' :%#$+' 6' *# 2 *-$#8' 1,0#0' +$0% 4' #, $' 1%$0#' +8+$04+' %#0' $ ' ;0' :#060##05' $ ' $,0', $'%'#6*#-%20' %-5' 1,0#0' %50U*%$0'+:%20' '+' %$',%-5' $,0' ; '!0# # 4+' 4%8' ;0' *$+'50' $,0' 4%'-'+$#*2$*#0' %-5' $,0' ,0%$'-.' 405'* 4' '-$# 9 5*205' '-$' $,0' ;*'!5'-.' $,# *. ,' :' :0+' 6# 4' $,0' ; '!0#+' *2,' %:!%-' '+'+%60#' $,%-' $,0' -0' 1,0#0' $,0' ; '!0#+' %#0' :!%205' '-' ;%+040-$+' %-5' %!+' 4%30' '$: ++';!0' $ ' .0$#'5' 6', 0%78' 2,'4 -08+' '-' $,0' 4%'-' ;*'!5'-.+' 6 # +*2,' 2,'4 -08+' %#0' 5%-9 .0# *+' '-' $'40+' 6' 0%#$,U*%30+' # +$ #4+' *$

1'$,' 5*0' 2%#0' '-' 4%-%.040-$' %-5' 1'$,' 6'#0:# 6' 2 -+$#*2$' -' '$' '+' - $' %+0#' *+' 40-%20' $ ' , *+0' $,0' ,0%$'-.' %:::!'%-20+' '-' $,0' ;%+040-$' ,0-' $1 ' # 4 #0' ;*'!5'-.+' %#0' +*66'2'0-$!8' -0%#' $ 9 .0$,0#' $ ' .0$' $,0'# ,0%$' +*:::!8' 02 - 4'2%!!8' 6# 4' -0' + *#20' '$' '+' .0-0#%!!8' ;0$$0#' '6' +:%20' 2%-' ;0' +:%#05' %-5' '6' +$0% 4' # , $' 1%$0#' '+' *+05' %+' $,0' 405'* 4' $ ' ! 2%$0' $,0' ; '!0#+' '-' %' 509 $%2,05' ;*'!5'-.

J' ,0' 2 %!' ;'-+' ## 4+'6 # $,0#6*0!' 4*+$' ;0' %$'% +%60' 5'+$%-20' 6# 4' $,0' 6'#0' %-5' 80$' - $'+' 6%# #04 705' %+' $ ' ;0' -2 -70-'0-$' $' '+' .0-0#9 %!!8' 2 -70-'0-$' $ ' ;*'!5' 2 %!' ;'-+' *-50#.# *-5' *$+'50' 6' $,0' ;*'!5'-.+' 1'$,'+, *$0+' :0-'-.' %$ $,0'+*#6%20' 6' $,0' .# *-5' '-$ ' 1, '2, '6*0!' 2%-' ;0' 5*4 :05' 0%+'!8' ,0#0' +, *!5' %!+' ;0' %+, :'$+' 2%#06*!!8' ;*'!$' '-$ ' 1, '2, ' $,0' 2'-50#+' %-5' %+, 0+' 2 *!5' ;0' 5*4 :05' 1'$, *$' '-' %-8' 1%8' 0-5%-.0#9 '-.' $,0' ;*'!5'-. ' 2%!' 2 -5'$' -+' 1'!!' %!1%8+' 50$0#4'-0' $,0' : +'$' -' 6' $,0+0' %-5' $,0'# 4 50' 6' 2 -+$#*2$' -' # 0E%4:!0' 1,0-' $,0' ;%+090 40-$'6! #'+' %$' # -0%#' $,0'+*#6%20' 6' $,0' .# *-5' $,0# 40$, 5+' $,%-' $, +0' +*..0+$05' 4*+$' ;0' 507'+05' $'+' %!1%8+' : ++';!0' %-5' '-' 6%2$' %!$ 9 .0$,0#' -020++%#8' 1,0#0' '!' '+' *+05' 6 # 6*0!' $ ' 2 -+$#*2$' % 2'+$0#-' *$+'50' 6' $,0' ;*'!5'-.' %-5' 6 #20' $,0' '!' '-$ ' $,0' 6*#-%20' ;8' %-' 0!02$#'2' # +$0% 4?5#'70-' :*4 :' -' $,0' 1, !0' 1,0#0' '!' '+' :# :0#!8' 2%#05' 6 #' '$' +00 4+' $ ' '-$# 5*20' 60 10# 5%-.0#+' %+' % 6*0!' $,%-' 2 %!' # 1 5

M' -' $,0' 2 *-$#8' 1,0#0' +$ 70+' 4*+$' ;0' *+05' '-' $,0' +2, !# 4+' $,0' 6! # %; *$' $,0' +$ 70' +, *!5' ;0' :# $02$05' 1'$,' $'!0+' # .!%G05' ;#'23+' ,0+0' 1'$,' % !'$$!0' :!%--'-.' %-5' 1'$,' ;*$' !'$$!0' %5505' 0E:0-+0' 2%-' ;0' +0$' 6!*+,' 1'$,' $,0' 6! #' %-5' 1'!!' -0'$,0#' 5'+$*#;' $,0' .0-0#%!' %::0%#%-20' 6' $,0' # 4' - #' ;0' '-' $,0' 1%8' ' &%230$05' +$ 70' H+00' - % #' ' ,' *5 2%-' ;0' 4%50' 6%#' +%60#' $,%-' $,0' #5'-%#8' ; E'+$ 70' ;09 2%*+0' $,0' 6 #40#' 5 0+' - $' .0$*+' , $' ,0' 2 !5' %'# #*+,'-.' '-' 6# 4' 1'$, *$' 300:+' '$' 2 4 :%#%9 $'70!8' 2 !' ,0' 2,'06' 5%-.0#' 6# 4' 6'#0+' '-' $, +0' ;*'!5'-.+' 1,0#0' +$ 70+' %#0' *+05' %#'+0+' 6# 4' : #!8' 2 -+$#*2$05' 6!*0+' # 50602$'70' :':0+' &%230$05' +$ 7i'+0$' %+' &*+$' 50+2#';05' 2%-' ;0' *+05' 1'$,' 2 4 :%#%$'70' +%60$8' :# 7'505' $,0'-!0$ Q' !!' 2,'4 -08+' # 6!*0+' +, *!5' ;0' 4%50' 6' +0!02$05' ;#'23+' +0$' 1'$,' $,0' ;0+$' .#%50' 6' 209 40-$ 4 #$%#' %-5',%70' 1'$,'-' 0%2,' % 2 4 :!0$0' +$04' 6' 10!!?;*#-$' 6!*0' $'!'-.' 2%#06*!!8' +0$' %-5' & '-$05' $' '+' 70#8' : # 02 - 4 8' $' -0.!02$' +*2,' :#02%*$' -+' 6 #' %+' - $05' %; 70' 4 +$' 6'#0+' #'.'-%$'-.' '-' ;*'!5'-.+' 1,0#0' +$ 70+' %#0' *+05' %#'+0' 6# 4' : #!8' 2 -+$#*2$05' 6!*0+' # 50602$'70' 6!*0+' $' '+' - $' '-6#0U*0-$' $ ' 6'-5' '-' $,0' 2 *-$#8' % 6!*0' 2 -9 +$#*2$05' 6' -0' !%80#' 6' #5'-%#8' + 6$' ;#'23' :*$' $ .0$,0#' 1'$,' 4 #$%#' 4%50' 6' %!'$$!0' !'40' %-5' 4*2,' +%-5' $ '+' -!8' % 4%$$0#' 6' $'40' *-$'!' 2#%23+' :0-' ;0$100-' $,0' ;#'23+' %-5' $,0-' +*2,' 6!*0+' ;02 40' % 2 -+$%-$ 40-%20' -9 $,0# 5%-.0#' 2 40+' 6# 4' '4 :# :0#' %##%-.040-$' 6' $,0' :':0' -' $,0' ;0.'--'-.' $,0' & '-$+' 4%8' 6'$ 10!!' ;*$ %6$0#' ,0%$'-.' %-5' 2 !'-.' 4%-8' $'40+' $,0' *:0#' & '-$+' +!':'! 10# %-5'! 10# *-$'!

5%-.0# '+ '4 4'-0-$ $ '+ 0++0-$'%! $,0#06 #0 $ + 2 -+$#*2$ 6!*0+ %-5 + 2%#06*!!8 +0$ $,0 :':0$,%$ %!!+*2,5%-.0#+ 4%8 ;0 %7 '505 $ '+ %+'-.*!%#!8 +$#%-.0$,'-., 1 2%#0!0++ $,0 %70#%.0 4 0#'2%-;*'!50# '+ '- 4%$$0#+:0#$%'-9 '-.$ 6'#0 :# 02' -

!! 0!02$#'2 1'#'-., *!5 ;0 5 -0 1'$, $, # *.,!8 '-+*!%$05 1'#0 0-2%+05 '- +%60 2 -9 5*'$+ %-5 :# $02$05 1'$,' %4:!0 6*+0 2 --029 $' -+ ,'+ '+ % -020++%#8 %-5 '4: #$%-$:#09 2%*$' -0+:02'%!!8'- 1 50-;*'!5'-.+ #$, +0 - $ $, # *.,!8 6'#0:# 6 ,0 %570-$ 6 0!029 $#'2 !'.,$'-., %+ ;# *.,$ 4*2,#0!'06 ;*$!'309 1'+0 5%-.0#< 6 #,'550- 1'#0+: #!8 '-+*!%$05 2 -+$'$*$0 %-'070#:#0+0-$ 40-%20 ,! +$+$%$0+ ,%70 !%1+ #0!%$'-.' $ 0!02$#'2 1'#'-. 6 :*;!'2 ;*'!5'-.+'%-5'-+*#%-20 2 4:%-'0+ $%30 0+:02'%! :#02%*$' -+ '-$,'+ #0.%#5

L ' %+:':0+6 #!%; #%$ #8 ,0%$'-.'2 3'-.' #!'.,$'-.':*#: +0+ +, *!5 ;0 $, # *.,!8 $0+$05 %-5 1,0#070# ++';!0 1'$, *$;$#*+' -'!06$ 6#00 6 #'-+:02$' -' %-5' #0:%'#+ E:! +' -+ %-5 6'#0+ %#0 - $' -6#0U*0-$ 2 -+0U*0-20+ 6 ;%5!8 :!%205 %-5'4:0#602$.%+:':0+

!! !%; #%$ #'0+ 2 3'-.'# 4+ %-5 6 #.0 # 4+, *!5 ,%70 6'#0:# 6 6! #+'%-5 %+ 6%# %+ : ++';!0 6'#0:# 6 1%!!+ %-5 20'!'-.+ $ '+ 6%# +%60# %-5.0-0#%!!8 4 #0 02 - 4'2%!6 # 6 #.0 # 4+$;0 :!%205'-+0:%#%$0 ;*'!5'-.+

P 2, !;*'!5'-.+, *!5 - $;0 4 #0 $,%-$1 +$ #'0+, '., %$!0%+$ 6 # $,0 :#'4%#8 .#%50+ ,#00 +$ #'0+ %#0 %!! 1%;!0 6 #,'., +2, ! .#%50+ 1,0#0 %4:!0 +$%'#1%8 6%2!'$'0+ %#0 %66 #505 '$,'+*2,'%!'4'$+2, !%*$, #'9 $'0+'-2'$'0+ 1'!! 6'-5 6%*!$< ;*$ 1,0-;*'!5'-.+ 0E2005 $,0+0,0'.,$+'$,08 %#0 0-5%-.0#'-.'$,0 2,'!5#0-'%22 #5'-.!8 *'!5'-.+'+%60!8 #04 705 6# 4 $,0# +$#*2$*#0+%-5 6$, # *.,'6'#0:# 6 2 -+$#*2$' -'4%8;0',.,0# %+ 6%# %+$,0 5%-.0# 6 6'#0 '+2 -20#-05< ;*$ -'$,0 ;%+'+ 6 $,0# 2 -+'50#%$' -+ *.,$ $ ';0 5'+2 *#%.05 ,0 5%-.0# 6 % +$%4:050 '+ .#0%$!8 '-2#0%+05 '- $, +0 +2, ! ;*'!5'-.+ 4 #0 $,%-$1 +$ #'0+ ,'.,' !07%$ #+ %#0 .0-0#%!!8 *+0!0+ '-$'40 6 6'#0'%-5 6$0-': +'$'70!8 5%-.0# *+

>K !! ;*'!5'-.+ *+05 6 #l'+2, ! :*#: +0+ %-5 0+:02'%!!8 '6 $,08 %#0 2 -+$#*2$05 6 '-9 6!%4 4%;!0 4%$0#'%!+', *!5 ;0 :# $02$05 ;8 % 1%$0# +*::!8 *-50# +*66'2'0-$:#0++*#0 %-5 1'$, , +0 %$$%2,40-$+ :# :0#!8 ! 2%$05 %-5 %!1%8+ #0%58 $ 2,023 #:*$ *$ 6'#0+ 5*#'-.'+2, ! , *#+ ,'+ '+ : ++';!0 - 1 070-1,0#0 - :*;!'2 1%$0# +8+$0 4 0E'+$+ 6 #;8 $,0 *+0 6 $,0 :#0++*#0 $%-3 +8+$0 4 0!+01,0#0 50+2#';05 H+00 ,%# % (% / ' *5 1%$0# 2%-;0 30:$ *-50# :#0++*#0 %-5 #0%58 %$ %!! $'40+

'#0 0E$'-.*'+,0#+, *!5 ;0 %$,%-5 1,0#070# $,0#0 '+ %-8 !'30!', 5 6 5%-.0# %-5 %!$ $0%2,0#+ %+ 10!! %+ $,0 &%-'$ #'+, *!5 ;0 5#'!!05 '- $,0'# *+0 '#0 0E$'-.*'+,0#+ %#0 7%!*%;!0 -!8 '-$,0 0%#!8 +$%.0+ 6 % 6'#0 %-5 4*+$;0 *+05 U*'23!8 %-5 '-$0!!'.0-$!8 '6 %-8 +%$'+6%2$ #8 #0+*!$+ %#0 0E:02$05

$,&"1&/,+,3 1',' '/ !$"+3$,' /$"%'@

>' !! 0E'$ 5 #+, *!5 +1'-.' *$1%#5 70-$, +0 !0%5'-.'6# 4'$,0 2!%++# 4+''-$'$,0 ,%!!+ %#0 +%60# 1,0-'+',*-.'6 $,0 ,%!!+ %#0 1'50 $,0#1'+0 '$ '+ ;0$$0# 6 # $,0+0 $ +1'-.' '- ,0 *$+'50 5 #+, *!5 %!! ;0 6*#-'+,05 1'$,' %-'040#.0-28 6'#0! 23' +'$,%$'1,'!0 $,08 %#0 +02*#0!8 6%+$0-05 6# 4 1'$, *$'$,08 2%-'-070# ;0 +'6%+$0-05 6# 4 1'$,'-'$,%$ $,0 +4%!!0+$:*:'!2%-- $:0-'$,04';8!% !.,$:#0++*#0 *2,'! 23+%#0- 1 -'$,0 4%#30$'%-5'+, *!5 ;0 *+05 -'%!!%#.0# # 405'*4?+'G05'+2, !;*'!59 '-.+

N !! +$%'#1%8 +, *!5 ;0 6 6'#0:# 6 2 -+$#*2$' -'0+:02'%!!8 '-' 1 50-;*'!5'-.+ ,08 +, *!5 ;0 1'50 6 0%+8 $#0%5'1$,' 1'50 !%-5'-.+ %-5 + !'5!8 ;*'!$;%-'+$0#+ ,0 -*4;0# 6 +$%'#1%8 +, *!5 %4:!8 400$ $,0 504%-5+ 6%!!$,0 2,'!5#0-.%$,0#05 %$ %-8 -0 $'40 -'$,0+02 -5'6! #' ,0 !%-5'-.+, *!5 ;0'-'1'5$,'$1'20 $,0 !0-.$,' 6 $,0 +$%'# $#0%5

J ++04;!8 # 4+, *!5 ;0;*'!$ -'$,0 6'#+$ 6! #'6 # '$'+'4: ++';!0 $''-+$'$*$0 6'#0 5#'!!+ 6 # $, +0 1,'5 -$#0.*!%#!8 %$$0-5 +2, !%-5'- -0 2%-,%-5!0 %-*-5#'!!05 2# 15'-' %-040#.0-28 6';*'!$ -'%,',0# !070! $,%-$,0 6'#+$ 6! #'$,0 -*4;0# 6 1'!!;0 4%$0#'9 %!!8 !'4'$05 %-5 $,0 -020++%#8 +$%'#1%8+ 1'!! 4*!$':!8 $,0 5%-.0# 4%-8?6 !5

M %!!1%8+ +, *!5 ;0 1'50 10!!?!'.,$05 1'$,'-:# &02$' -+'! 230#+' #,%$:0.+$''-$0#9 60#0 1'$,'#%:'5 4 7'-.'$ 1%#5 $,0 0E'$+ ,0+0 %#0 '4: #$%-$ 2 -+'50#%$' -+ 6# 4 4%-8: '-$+ 6 7'01 %+ 10!!+ %+ 6# 4*+$,%$ 6 6'#0:# 02' -

Q '#0 5#'!!+, *!5 ;0'-+$'$*$05 '-'%!!+2, ! ;*'!5'-.+ 1,0#0 %2 4 4 -'0E'$,%!!'+ *+05 ;8 $1 #4 #0# 4+ ,0!%#.0#$,0 ;*'!5'-.'%-5 $,0 .#0%$0# $,0 -*4;0# 6 2,'!5#0-'%22 4 4 9 5%$05 $,0 4 #0 '4:0#%$'70 $,0 -005 6 6'#0 5#'!!+ +:02'6'2#*!0+2%-';0'.'70-'$.*'50'-'+*2,'5#'!!+ 6 #$,0+0 4*+$;0 #50#05 %-5:#%29 $'205'$ +*'$! 2%!2 -5'$' -+< ;*$%60 1'.0-0#%!+*..0+$' -+ 4%8 :# 70 ;0-06'2'%! H F !! ; 3+%-5 1#%:+ 4*+$;0 -0.!02$05 6 -0 2,'!5 +, *!5 %$$0 4:$ $.%$,0# *:; 3+ # 1#%:+ $,0#+ 1 *!5 5 $,0 +%4 0 $,'-.'0-5%-9 .0#'-.' %!! H F %2,2,'!5 4*+$ 3- 1 :#09 2'+0!8 1,0#0 ;0 ;0! -.+'-!'-0 %-5 4*+$;0 5#'!!05 $ 300:$,'+':!%20 %$ %!! ,%G%#5+ #':9 :!05 2,'!5#0-* .,$$;0 0+:02'%!!8 ! 305 %$0# -0 # $1 2#'::!0+ 4%8 5'+%##%-.0 $,0 0-$'#0 !'-0 H2F $'+;0+$$ 4%#2,''-'$'40 %-5+ 40 4*+'2%!'-+$#* 40-$1'!!,0!:'- $ -!8;8 '$+ %+9 +*#%-20';*$;8 5'+$#%2$'-.'$, *.,$6# 4 5%-.0# %-5 %!+ ;8 #0.*!%$'-.'$,0 #%$0 6 $,0 4%#2,'-.' !'-0+ 5#*4'+. 5 6 #+*2,22%+'-+ 4 * !! :*:'!+50!0.%$05 %+ ,0!:0#+ 4*+$;0 $#%'-05 $ 5 $,0'# 1 #3 2%#06*!!8 %-5 U*'23!8 HOF ,0 !'-0+ *.,$- $ $ '2# 15 $,0 +$%'#1%8+ #,%!!+ %-5 -%$*#%!!8 - :*:'! 4*+$,%70 % +$:'-.':!%20 6# 4 $,0 $'40 ,0 +$%#$+ *-$'! ,0 4%30+,'+ 0E'$ +%60 6# 4 5%-.0#' HDF ,0 :#'4%#8 .#%50+ +, *!5 !0%70 6'#+$ $;0 4%#2,05 % . 5 5'+$%-20 6# 4 $,0 ;*'!5'-.' ;06 #0 +$:'-.' $,'+ 0-5 %-5 6 # $,0# #0%+ -+ $,0 :#'4%#8 .#%50+ +, *!5 %!1%8+ 22*:8 # 4+ -'$,0 6'#+$ 6! #

'#0 0+2%:0+'-+2, !';*'!5'-.+%#0 -!8 6 # U*%#$0# 6 % 20-$*#8 %.$,0 1 #3 6 $,0 6'#+$80%# 1%+ 4%'-!8.'70-70#$'-+$#*2$' -'-$,0 ;0.'--'-.+ 6 #0%5'-.'%#'$,40$'2'+:0!!'-.'%-5:0-4%-+,':' ,#00 2 -+:'2* *+2,%-.0+%#0 %:: %#0-$'-:#0+0-$ 6'#+$?80%# '-+$#*2$' - ,0+0 5'660#0-$'%$0 '$' +,%#:!8 6# 4 $,0 !50# :#%2$'20 H>F ,0';0.'--'-.' 6 20#$%'-' 6 $,0+0 +*;&02$+'+: +$: -05 0-4%-+,':%-5'+:0!!9 '-.'4%8';0 50!%805 6# 4 $,#00 $ +'E 4 -$,+ %-5 +8+$0 4%$'2 '-+$#*2$' -'-%#'$,4 0$'2 4%8 - $';0 2 4 40-205 6 #+'E 4 -$,+ %80%# # 070-'$1 80%#+ HN ,0 $0%2,'-.' 6 2,!5#0-$ #0%5 $,0#06 #0 ,!5+ $,0 20-$#%! :!%20 '-$,0 +8+$0 4%$'2 '-+$#*2$' - ,%$070# $,0# +*;&02$+ 4%8 ;0 $%*.,$ %-5 '- 1,%$070# 4%--0# #0%5'-.'$+0!6 4%8';0 4%+$0#05'-'2 -9 -02$' -'1'$,',+$ #8 %-5 -%$*#0 +$ #'0+ :!%8+ %-5 .%40+ 4%-*%!$#%'-'-. %-5 +'4'!%# %29 $'7'$'0+'$' +'$,0 4%'- ;&02$ 6 $,0 6'#+$ 80%# $ %57%-20 $,0 2,!5+ %;!'$8 $ =#0%5 + $,%$,0 4%8 .%'- -01 0E:0#'0-20+ $,# *.,' !'-.*'+$'2 :#0+0-$%$' - HJF ,0 6'#+$ 80%# 6 '-+$#*2$' -,%+ 20%+05 $ 50%!0E2!*+'70!8 1'$,$,0 40#0 6 #4+ %-5 $!+ 6 05*2%$' - %-5 070-' $,0 4%+$0#8 6 +*2,' 2 -70-$' -%!6%2$+ %+ $,0 6 #4+ 6 1 #5+ %-5 $,0 %#'$,40$'2%! 2 4;'9 -%$' -+ '+ ;%+05 *: -' 4%-8 2 -2#0$0 %-5' -9 $0#0+$'-.' 0E:0#'0-20+ '-$#'-+'2%!!8 7%!*%;!0 $ ' $,0'2,'!5#0-' -$%2$ 1'$,'#0%!$,'-.+ 6 070#8 + #$'6# 4'$,0 .'6$+ %-5 4%$0#'%!+ 6 $,0 3'-50#9 .%#$0-' $ ' $,0 !'7'-.' ;&02$+ 6 -%$*#0 +$*58 '+'.*%#%-$005 %+ -070# ;0 6 #0 ,0'2,'!5#0-'%#0 4*2,' 4 #0 %2$'70 '-' $,0'# 1%8+ 6 !0%#-'-. 4 #0 # !0+ :%++'70 404 #'G%$' -',%+.'70-' 1%8 $ '%-' %2$'70 %;+ #:$' - ,'!5#0-' !0%#-' $,# *.,' 4%-*%!$#%'-'-.' $,# *.,' %-' %2$'70 %-5 #0+: -+';!0 2 -$# ! 6 1'-5 1 %-5 +2, !.%#50-+ &<% %*6 $,# *.,':!%8'-.' +'-.'-.' 5%-29 '-.' %-5 5#%4%$'G%$' - ,0'+*;&02$+'#0%5 %#0 4 #0 2! +0!8 %5%:$05 $ ' $,0 2,'!5+ 7'$%! '-9 $0#0+$+ *!!'6 #4%!+0-$0-20+'-' $,0 #0%5'-.' ; 3',%70 .'70-' 1%8 $ '2 -$0-$ $,%$ 0E:#0++0+ +'$*%$' -+ %::0%!'-.' $ ' 2,'!5#0- ;&02$'70 %2$'70 %-5 '-$0#0+$'-.' 40$, 5+ 6 $0%2,'-.' $,*+ 2,%#%2$0#'G0 $,0 6'#+$ 80%# 6 +2, !'!'60 4 #0 2 4:!0$0!8 $,%-' %-8 !%$0# 80%# 6 '-9 +$#*2$' - 00 % # '+ %' # ' $ ## *

? ' / ' 00 & *' ,' ' C % '4 % # ' + %' # ' $ #6 # *

' H>)>M?>)LMF / ' 'E$,':#0+'50-$ 6 %4'!$ -' !!0.0'.#%5*%$05' %$ %!0 !!0.0 '-' >)JQ' %-5' %$' $,0 -' -' ,0 ! .'2%!' 04'-%#8 6 *# 80%#+'!%$0#' 0 1%+ :#0+'50-$ 6 -' -' !!0.0 6# 4'>)Q)'$ ' >)OO

/ ' ' 2 05*2%$' -%!' '-+$'$*$' -' 6 # 2 ! #05' :0 :!0'6 *-505''-' >)OQ *-50# $,0 %*+:'20+ 6 $,0 40#'2%-' '++' -%#8 ++ 2'%$' -' %-5' $,0 0+$0#-' #0054%-+ '5 44'++' -' 6 '-?

2'--%$' ,0 *-'70#+'$8 1%+ '-2 #: #%$05 '-
_U[D% %2,; %#50# '+ #0U*'#05 $.'70 %
:0#' 5 %5%8 $ +4 0 6 #4 6 !%; #%+ 5'#02$05
.#%4 4%# +2, ! %-5 :#0:%#%$ #8 2 !!0.0
- #4%!'$0%2,0#+$#%'--.4*+'2 %-5$,0 ! .'2%!
50:%#$40-$+ %#0 4%'-$%'-05 %-5'5%$0+ 6 #
%54'++' - $ $,0 2 !!0.0 4*+$ 400$ #0U*'#09
40-$+ 0U*'7%!0-$ $ 6 *#$00- *-'$+ ,0 #09
U*'#040-$+ 6 # $,0 - #4%! 50:%#$40-$ %#0
.#%44%# +2, !+*;&02$+ ,0#0 '+ % $0%2,'-.
+$%66 6 $,'#$8?+070- 404;0#+

< $01 4 2:*/ H>LPN?>)JPF / '#+$:#0+9
'50-$ 6 0+!08%- -'70#+'$8 .#%5*%$05 %$
1- -'70#+'$8 '- >)>Q 0 1%+ 6%4'!8
$*$ # 6 # + 40 80%#+ '- %#8!%-5 :#'-2':%!
6 '!;#%,%4 H %++ F 2%5048 6# 4 >)NQ $
>)JK %-5 :#0+'50-$ 6 0+!08%- -'70#+'$8
6# 4 >)JK $ >)JP 0 1%+ %2$'70 '- %4 709
40-$ 6 # $,0 '-$# 5*2$' - 6 $04:0#%-20 '-9
+$#*2$' - '-$ $,0 +2, !+ *$, # 6 .((/
0(H>)JNF

06O#0-20 /
20 '5 9% H +$ - >)PKF

< $0)1 A87, H>)MN?>PK>F / - 40#'9
2%- %*$, # :,'! + :,0# %-5 ,'+$ #'%- ; #-
%$ %#$6 #5 - - %# JK >)MN O .#%5*9
%$05 6# 4 %#7%#5 !!0.0 '- >)OJ '- >)OP
,0 1%+ %:: '-$05 !02$*#0# - :,'! + :,8 %$
%#7%#5 %-5 !%$0# ;02%40 %++'+$%-$!';#%#'%-
1,'2, : +'$' - ,0 ,0!5 *-$'! >)LP '+
0%#!'0+$ #02 .-'$' - 2%40 $,'4 %+ % 1#'$0#
%-5 !02$*#0# -'07 !*$' -%#8 :,'! + :,8
0 / (' + ! H>)LMF '+ ,'+
4 +$ 0E$0-+'70 %-5 +8+$04%$'2 2 -$#';*$' -
'- $,'+ 6'0!5 '+ 07 !*$' -%#8 '-$0#:#0$%$' -
6 #0!'.' *+ :# ;!04 '+ ;0+$ 0E:#0++05 '- ,'+
' ! / H>))MF , / 3 H>))QF
0 - 0 3 H>))PF %-5 / #
H>PK>F ,0 0-0#.'0+ 6 $,0 !%$0# :%#$
6 ,'+ !'60 10#0 .'70- $ $,0 +$*58 6 ,'+$ #8
6 #206*! !02$*#0# %-5 %;#'!!'%-$ 1#'$0# ,0
5'5 %+ 4*2,$ $: :*!%#'G0 ,'+$ #8 '- $,'+ !%$0#
:0# 5 %+ ,0 ,%5 5 -0 $ 2!%#'68 07 !*$' -%#8
:,'! + :,8 0%#!'0# 4 -.','+ 4 #0'4: #$%-$
,'+$ #'2%! 1 #3+ %#0 $,0 ' (! / ( )
8 / - $) 3 #
.) (" 0#
) - 2) %-5
' 0 (P0 9 %
1 6 ,'+ 0++%8+ %#0 6 :%#$'2*!%# '-$0#0+$ $
05*2%$ #+ ;02%*+0 6 $,0 6*-5%40-$%!'4: #9
$%-20 $ 05*2%$' -%! $,0 #8 6 # '+30 + :#0+9
0-$%$' - 6 R ,0 5 2$#'-0 6 $,0 40%-'-. 6
'-6%-28 S ,0 6'#+$ 6 $,0+0 / ,/ (!6 '+ %;#'06 %-5 +'4:!'605 #0+$%$040-$
6 $,0 $,0 #'0+ 6 4%- + #'.'- %-5 50+$'-8
6'#+$ +*..0+$05 '-,'+ !02$*#0+ %$ %#7%#5 -'9
70#+'$8 '->)L> %-5 !%$0# 0E:%-505 '- %#$ 1
6 $,0 0 / (' + !% ,0
+02 -5 6 $,0+0 + + ! 2!, / (!
0 / 6 1%+ 6'#+$:#0+0-$05
%+ %- %55#0++ ;06 #0 $,0 !5'-0 !*;' 01

#3 %8 >J >)PQ %30- $ .0$,0# $,0+0
$1 :#0+0-$%$' -+ 6 $,0 +'.-'6'2%-20 6 ,*4%-
'-6%-28 2 -+$'$*$0 *# 4 +$ 50$%'!05 %-5 7%!9
*%;!0 0!*2'5%$' - 6 $,0 5 2$#'-0
00 3 # / % #

< 71) :),)B)/ H>LQO?>)JJF / '#+$
:#0+'50-$ 6 '!!'%4 !!0.0 .#%5*%$05 %$
%!0 !!0.0 '- $,0 2!%++ 6 >LLL 0 $%*.,$
+2, ! +070#%! 80%#+ '- 01 (0#+08 1%+
$*$ # %$ %!0 !!0.0 %-5''- >LPK $ 3 2,%#.0
6 $,0 '!!'%4+$ 1- 2%5048 1,'2, $,#00
80%#+ !%$0# 1%+ '-2 #: #%$05 '-$ '!!'%4+
!!0.0 0 1%+ :#0+'50-$ 6 $,0 -01 '-+$'9
$*$' - *-$'! >)>Q *$, # 6 % 3 #
H>)>MF

< 71 $/ A8$7*6 5 /2, 5 H>)NM?
>PKJF / 0%2,0# %-5 05*2%$' -%! #06 #40#
#- 6 ++0E :%#0-$+ '- *$,1%#3 -5 -
1,0#0 ,0 ;0.%- %2$'70 !'60 %+ %- %++'+$%-$
$0%2,0# %$ $,0 # *.,' %5 2, ! &<% %*6
1,'2,'1%+ %++ 2'%$05 1'$,$,0 -%40 6 (+0:,'
%-2%+$0# -0 6 1, +0 :*:'!+ (# ++?
!08 1%+ %$ $,%$ $'40 '$+ ,0%5 4%+$0# 6$0#
+0#7'-.'%+ ,0%5 4%+$0# 6 % +2, ! '- '-.+!%-5
%-5 $%3'-.', '+ 50.#00 %$ $,0 -'70#+'$8 6
-5 - '$2, 1%+ %:: '-$05 '- >)QN $*$ #
%$ $,0 # *.,' %5 #%'-'-. !!0.0 6 $,0
#'$'+,%-5 #0'.- 2, ! 2'0$8 &<% %*6 %-5
'- >)QO :#'-2':%! 6 $,0 '-+$'$*$' - %- 66'20
1,'2,',0,0!5 6 # +070- 80%#+ +%$0%2,0#
,0 +, 105 ;#'!!'%-$.'6$+ /'+84:%$,8 1'$,
,'+ :*:'!+ +3'!!' - '$,0 :#0+0-$40-$ 6 6%2$+ %-5
'50%+'.#%20 2!0%#-0++ %-5 %:$-0++ 6 0E:#0++' -
% 300- %-5'+*+$%'-05 '-$0#0+$'-% 1'50 #%-.0 6
+$*5'0+ %-5% 500:'+0-+0 6 $,0 + 2'%! '4: #9
$%-20 %-5 5'.-'$8 6 $,0 $0%2,0#+ 2%!!'-.
'$2, +1 #3 %$ # *.,' %5 !!0.0 1%+
,'.,!8 7%!*05 ;8 %$$,01 #- !5 &<% %*6 1,
50+2#';05 1'$,:#%'+0 ,'+ 40$, 5+ 6 $0%2,'-.''-
,'+ #0: #$ - $,0 2 !!0.0 6 # >)Q) %-5 5#01
$,0 %$$0-$' - 6 #5 #%-7'!!0 $,'+ 40#'$+
1'$,$,0#0+*!$$,%$'-'>)OJ '$2,'1%+ %:: '-$05
-+:02$ # 6 2, !+ *-50# $,0 5*2%$' -
0:%#$40-$%' : +'$' - 1,'2,',0,0!5 1'$,
.#0%$ 5'+$'-2$' - %-5 *+06*!-0++ $,# *.,
%:0#' 5 6 #%:'5 05*2%$' -%! 5070! :40-$
$'!! >)PM 0 1%+ 3-.,$05 '- >)PO *#'-.
,'+ 66'2'%! 2%#00# ,0 +0#705 %+ %++'+$%-$ 2 49
4'++' -0# $ $,0 2, !+ -U*'#8 44'++' -
>)OM?>)OL %+ +:02'%! 2 44'++' -0# '- >)OP
$ #0: #$ - $,0 2 -5'$' - 6 0!040-$%#8 05*9
2%$' - '- '#4'-.,%4 %-5 005+ H% :#0!*50
$ $,0 !040-$%#8 5*2%$' - '!! >)LKF %-5
%+ %++'+$%-$ 2 44'++' -0# *-50# $,0 -5 105
2, !+ 2$ >)LK?>)LL &<% %*% 0 %!+ :#09
:%#05 %- 66'2'%! #0: #$ - 40#'2%- 05*2%$' -
'- >)))%-5 -$,0 1 #3'-. 6 $,0 #00 2, !
+8+$04 '- 40#'2% #%-20 %-5 0!.'*4 '-
>)P> 0 1%+ $,*+ U*%!'6'05 ;8 %-5 %!4 +$
*-'U*0 0E:0#'0-20 $ %57'+0 $,0 5*2%$' -
0:%#$40-$ %-5 $,0 :*;!'2 %+ $ $,0 40%-+
6 +02*#'-.2! +0# 2 #5'-%$' - ;0$100- 0!09
40-$%#8 %-5 +02 -5%#8 05*2%$' - '- -.!%-5

+0-+%$' -'%-5'$,08'%#0'0!%; #%$05';8'$,0'#0%5'-.'
6' 405'2%!' %570#$'+040-$+'-'-01+:%:0#+'%-5'
;8'$,0'1-5'+2#'4'-%$0'5'+$#';*$' -' 6' 2'#2*!%#+'
6' :%$0-$' 405'2'-0+'

060#0-20+1 /
*' ' ' ' 5 ' , H %!$'4 #0'
>))) F
"%# ' ' ' 2 ' ' ' !(H %#'+'
>PKJ F
-(' ' '/ H %#'+' >PKM F
*' '%-5' *' ' ' 2 ' ' ' 0 #
H %#'+' >PKN F
, %*'"' ' ' ' H %#'+' >)PM F

' / ' 00' * '%' + *

W ' / ' 00) % #
9 ' #

' / ' ,0-'%+0#'0+' 6' 7'+*%!'+$'4*9
!%$' -' %2$+' *: -' $,0' #0$'-%'%$' %' #%$0' 1,'2,'
'+' $ ' #%:'5' 6 # 0%2,' +$'4*!%$' -' $ ' ;02 40'
6*!!8' 0+$%;!'+,05' '-' '$+' 1-' 2,%#%2$0#' %-5'
80$' $ ' +! 1' $ ' :# 5*20' %' 6*+05' 066020$' $,0#0'
'+'%' #%:'5'6!*2$*%$' -''-' $,0' U*%!'$8' 6' +0-+ #8'
0E:0#'0-20' 1,'2,''+' 50+'.-%$05'%+' 6!'230#' ,'+'
6!'230#'+' *+05' %+' $,0' 40%+*#0' 6' +0-+'$'7'$8'
%-5',%+'+'.-'6'2%-20' 6 # $,0'+$*50-$' 6' +0-+ #8'
:# 20++0+'

060#0-20+1 /
< ' ' ' 0 ' /'+ !(!6':'NQK' H -5 -'
>)PQ F
,%#/ ' ' ' 0 ' ' '+ !(!6'
E:0#'40-$'>O>' H +$ -'>)PM F

' / ' 00' # * # ' %

' ' ' ' / ' ' +2, !9
4' $,'#$8?$1' 600$' ! -.' $10-$8?6 *# 600$'
1'50'%-5'$10!70'%-5' -0' ,%!6'600$'-'$,0'2!0%#'
;0$100-'$,0'6! # %-5'$,0'20'!'-.'1'!!' %22 49
4 5%$0'6 #$8?6'70':*:'!+' 6'$,0'! 10# .#%44%#'
.#%50+'%-5'6 #$8':*:'!+' 6'$,0'*:::0# .#%50+'
,'+'1'!!'%!! 1'%::# E'4%$0!8'NKK'2*;'2'600$' 6'
%'#+:%20' :0#':*:'!' %6$0# 505*2$'-.'$,0'%4 *-$'
22*:'05';8'6*#-'$*#0'%-5'1'!!':0#4'$'$,0'50+3+'
$';0' +%60!8'%##%-.05'1'$,'#060#0-20'$':# :9
0#!8':!%205'1'-5 1+'%-5'%$'$,0'+%40'$'40'
%!! 1'%4:!0'# 4'6 #'%'+!0+' ;0$100-'50+3+'
:!0-$8' 6' # 4'6 #';!%23; %#5'1 #30#+'%-5'
$,0'-020++%#8'6*#-'$*#0'%$'$,0'$0%2,0#!+'0-5' 6'
$,0'# 4' $0%2,0# 2%-'5'. 5'1 #3''-'
%2# 1505'# 4<%-5'1,%$'+'4 #0'4: #$%-$'
$,0' :*:'!+' $,04+0!70+' -005' $,'+' %4 *-$' 6'
+:%20'6 #$,%$' +0-+0' 6'6#005 4'-020++%#8'6 #
*-5'+$*#;05'%-5'*-,'-50#05' 1 #3' -' 4 +$'
*# :0%-'2 *-$#'0+' -' *-'6 #4' - #4' '+' %29
20:$05' -' $,0' :#'4%#8'.#%50+'$,08':#0+2#';0'
4*2,'!0++'2*;'2'%'#+:%20'$,%-'6 #$,0' !50#
:*:'!+' ,'+' +0040+' :*' ;0' %' 4'+$%30'6 #'$,0'
6 !! 1'-.'#0%+ -+'H>F #0'*- ;+$#*2$05'# 4'
'+' -00505'6 #' +%-5'$%;!0+'%-5'7%#'*+' 3'-5+'
6' 4%-*%!' 1 #3''-' # 4+'6 #':#'4%#8'2!%++0+'
$,%-''-'$,0',.,0#'2!%++0+'6 #'+*2,'1 #3''-'$,0'
%57%-205'.#%50+''+';0$$0#'5 -0''-'+:02'%!'# 4+'
HNF #0'6#00'+:%20''+'-00505''-'$,0':#'4%#8

.#%50+'6 #' 4%#2,'-.' 2%!'+$,0-'2'0E0#2'+0+'%-5'
%!'!' $,0#' %2$'70'.%40+'%-5'2!%++' 1 #3'$,%-''+!'
-00505''-'$,0'*:::0#' .#%50+' HJF' '$$!0':0 :!0'
%#0' 4 #0'+0-+'$'70'$'';%5'%'#' 4 #0'0%+'!8'5'+9
$#%2$05';8'2! +0'-0'.,; #+'%-5'-005' 4 #0'-9
5'7'5*%!' %$$0-$'-' 6# 4' $,0' $0%2,0#' 0-20'
$,0'%'+!0+' +, *!5';0' 2 ##0+: -5'-.!8' 1'50#'
HMF ,0'2,'!5#0-' 6'$,0':#'4%#8'2!%++0+'7'$'%$0'
4 #0'%'#'-' :# : #$'-'$''+'GO' $,%-'!%#.0#'
:*:'!+'%-5' ,0-20' -005' 2 4:%#%$'70!8' 4 #0'
+:%20' HQF $'' '+' 6%!+0' 02 - 48'$'' 70#;*#50-'
%'$0%2,0#' 6'$,0':#'4%#8'.#%50+'1'$,'$ ' 4%-8'
:*:'!+'%-5''$'!'301'+0'!'4'$+' ,0# 1 #3'$ ' 0E9
2!*+'70!8'$'; 3'!0%#-'-.

$'+''4: #$%-$'$,0-'$' , !5'%::# E'4%$0!8'
$'$,'+'+$%-5%#5'0+:02'%!!8';8'#0%+ -' 6'$,0'6%2$'
$,%$'6 #$8?6'70':*:'!+'%#0'0- *.,'6 #%-8'$0%2,0#
$'4%-%.0'+*220++6*!!8' '601'80%#+'%.' 4*2,'
4 #0'1%+'4%50'6'$,0'%4 *-$' 6'+:%20':0#:*:'!'
6# 4'$,0':'-$' 6'7'01' 6'70-$'!%$'-' *$'
1'$,'%-8'+%$'+6%2$ #8' 402,%-'2%!'+8+$04' 6'
70-$'!%$' -'+*66'2'0-$'6#0+,'%'#2%-';0'6*#-'+,05'
070-'6 #'%# 4'4*2,'4 #0'2# 1505'$,%-'$,0'
:!%-' +*..0+$05' %; 70' 1 *!5' :0#4'$' *$'
1,0-'$,0#0'+' % 50:0-50-20'40#0!8' -'.#%7'$8'
6 #2,%-.'-.'$,0'%'#'-'+2, !# 4+' 70#2# 159
'-.';02 40+'%'+0#' *+' 4%$$0#

-'1%#4'2!'4%$0+' # 5*#'-.'$, +0' +0%+ -+'
1,0-'$,0' *$+'50'%'#0.'+$0#+';*$'%$01'50.#00+'
! 10#$,%-'$,%$' -00505''-'$,0'+2, !# 4''$'
1'!!';0' :#%2$'2%!!8'4:++';!0'$' 70-$'!%$0'%
+2, !# 4''-'%-8'%220:$%;!0'1%8'1'$,'!0++'$,%-'
□□'2*;'2'600$'6'%'#+:%20'%7%'!%;!0':0#:*:'!<
%-5'070-'1'$,'1'-5 1+'%!'!'6%7#%;!8':!%205'
'$'1'!!'#0U*'#0'$,0'*$4 +$'2%#0' -' $,0':%#$
6'$,0'$0%2,0#'$' 300:'$,0'%'#:%++%;!8':*#0'
1'$,'$,'+'%!! 1%-20' 6'+:%20' -!8' -'$,0'
;%+'+'$,0-' 6'%+%$'+6%2$ #8'+8+$04' 6'70-9
$'!%$' -'2%-' -0'1'$,'%-8'50.#00' 6'20#$%'-$8'
+%60!8':#0+2#';0' □□'2*;'2'600$' 6'%'#+:%20':0#
:*:'!' -8$,'-.'%::#02'%;!8' !0++'$,%-'$,'+'
1'!!'6 #'$,0'#0%+ -+'40-$'-05':# 70'*-+%$'+9
6%2$ #8' -''-+'+$'-.' -'%-'%'#+:%20' 6'%$'
!0%+$ □□'2*;'2'600$':0#:*:'!''$'+'3- 1-'%+'
+*..0+$05'%; 70'$,%$'$,'+'%4 *-$'+'-'0E20++'
6'$,%$' 6$0-'6 *-5''-':#%2$'20'%-5'$,%$':#09
+2#';05'%+'%!! 1%;!0';8'4%-8' *# :0%-'%*9
$, #'$'0+' *$''$'+, *!5';0''-+'+$05'$,%$'1'$,'
$,0'.# 1$,'6'% 4 #0'%2$'70':0#+ -%!':%#$'2'9
:%$'-' 6'$,0'2,'!5''-',+' +2, ! 1 #3'%-5'
*-50# *# 6 #4' 6'. 70#-40-$'1,0#0' $,0'
2,'!5#0-'4*+$';0'$#%'-05''-'2 :0#%$'70'1 #3'
$,'+'%4 *-$' 6'+:%20'+'-$' -!8'%2 -+0#7%$'70'
0+$'4%$0';*$' -0'1,'2,'%!'$0%2,0#+'%-5'+2, !'
%*$, #'$'0+',*!5'504%-5'%+'%'4'-'4*4

' '

0' ' ' ' ,' '4 ' /' '
,' '4 *1*'4 - # ' ,'

' ' ' '
' ' ' /' -'+:'$0' 6'
$,0'.0-0#%!':# .#0+'%-5'10%!$,' 6' ! #0-20'
'$'1%+'-$*-$'!'>JMP'$,%$'%:%:%!';*!'+%-2$' -9
'-.'$,0'0+$%;!'+,40-$' 6'%.0 0' 3 '
1%+';$%'-05' $$04:$+',%5';00-'4%50'-

>)QJ' $,0' %:: #$' -40-$ 6' $,0' +2, !' 6*-5' 1'$,'-' $,0' 2 *-$'0+' $,0-' %4 *-$'-.' $ ' $,'#$8' 20-$+' :0#' +2, !' 2,'!5' 1%+' .'70-' $ ' $,0' *-$8' 44'++' -0#+' 1, ' 10#0' 4%50' ' // (' % *-$8' 2, !' %#5' %-5' 10#0' %*$, #'G05' $ ' %55' $ ' $,0' +*4' #020'705' 6# 4' $,0' +$%$0' R'%-8'+*4' 1,'2,'$,08' 4%8'5004' :# :0# $ ' ;0' :%'5' *$' 6' $,0' 2 *-$8' $#0%+*#8 $' -!8' $1 ' 2 *-$'0+' 070#' 4%50' %-8' %::# :#'%$' -' %-5' $,0' +$%$0' 4 -08' 1%+' 2 44 -!8' *+05' $ ' +*;9 +'5'G0' :#'7%$0' +2, !+' %-5' :#'7%$0' $0%2,0#+' 6$0#' $,'+' !%1' - $,'-.' 6*#$,0#' 1%+' 5 -0' $ 9 1%#5' $,0' 0+$%;!'+,40-$' 6' %' +8+$04' 6' 6#00' :*;!'2' +2, !+' *-$'!' >)OP' ,0' 20-+*+' 6' >)MK' +, 105' $,%$' $,0#0' 10#0' 0'.,$00-' %2%504'0+' %-5' .#%44%#' +2, !+' %-5' 6'6$8? -0' :#'4%#8' +2, !+' '-' $,0' +$%$0' <' '-' >)QK' $,0#0' 10#0' $0-' %2%504'0+' %-5' +'E$8?-'-0' 244 -' +2, !+<' %-5' '-' >)OK' $,0#0' 10#0' -'-0$8?+070-' 244 -' %-5' :*;!'2' +2, !+' >J)' %2%504'0+' %-5' :#'7%$0' +2, !+' %-5' $,0' $%!' +$%$0' '-2 40' 6 # 05*2%9 $' -%!' :*#: +0+' 1%+' ^LQ M>N' 6' $,'+' %4 *-$' ^NN J)0' 1%+' 50#'705' 6# 4' $,0' +2, !' 6*-5' '-9 240' ,0' '7'!' %# :*$' %-' 0-5' $ ' %!!' 6' $,0+0' 066 #$+' %-5' $,0' :0#4%-0-$' +2, !' 6*-5' %-5' $,0' +04'-%#8' 6*-5' 10#0' ; $,' +:0-$' 6 # ?' %#4+' %44*-'$' -' %-5' $,0#' :*#: +0+' S' 2 --02$05' 1'$,' $,0' -6050#%28 ,0' 2 -+$'$*$' -' 6' >)OQ' 40#0!8' #0:0%$05' $,0' :# 7'+' -' 6' $,0' 2 -+$'$*$' -' 6' >)J)' #09 .%#5'-.' $,0' :#0+0#7%$' -' %-5' *+0' 6' $,0' +2, !' !%-5+' ;*$' $,0' 2 -+$'$*$' -' 6' >)O)' 4%50' 6*!!' %-5' 506'-'$0' :# 7'+' -' 6 # % 6#00' +$%$0' +2, !' +8+$04' 6 # $,0' ;0-06'$' 6' %!!' -' ' // (' $%$0' %#5' 6' 5*2%$' -' 1%+' 2#0%$05' <' $,0' 7:0#- # 1%+' #0U*'#05' $ ' %:: '-$' %' $%$0' *:0#'-$0-50-$' 6' *;!'2' -+$#*2$' -' 6 # $,0' +$%$0' %-5' %2 *-$8' +*:0#'-$0-50-$' 6' 244 -' +2, !+' 6 # 0%2,' 2 *-$8' $,0' !0.'+!%$*#0' 1%+' '-+$#*2$05' $ ' :# 7'50' %' *-'6 #4' +8+$04' 6' 244 -' +2, !+' %-5' %' *-'70#+'$8' %-5' $ '!';0#9 %!!8' 4%'-$%'-' $,04' %-5' '-' $,0+0' $*'$' -' 1%+' $ ';0' 6#00' %-5' $,0' +2, !+' 0U*%!!8' :0-' $ ' %!!<' $,0' + *#20+' 6' $,0' +2, !' 6*-5' 10#0' 0-*40#9 %$05' %-5' '-2#0%+05' <' %' +$%$0' $%E' 6' - $' !0+' $,%-' -0' 4'!!' %' : !!' $%E' %-5' %2 *-$8' $%E' 0U*%!' $ ' %$' !0%+$' -0' ,%!E' %,0' %4 *-$' #020'705' 6# 4' $,0' +$%$0' 10#0' $ ' ;0' !07'05' 6 # $,0' 4%'-9 $0-%-20' 6' +2, !+' %-5' %$,#00' ,' -$,+' +2, !' 1%+' $ ' ;0' 4%'-$%'-05' '-' 0%2,' +2, !' 5'+$#'2$ 6' $,0' +$%$0' ,0' +2, !' !%1' 6' >)OP' 2%##'05' $,0+0' 2 -+$'$*$' -%!' :# 7'+' -+' '-$' 066O2$' %-5' -$' -!8' 4%#3+' $,0' ;0.'--'-.' 6' 6#00' :*;!'2' +2, !+' '-' ! #'5%' ;*$'%!+' !%'5'$,0' 6 *-5%$' -+' 6' $,0' :#0+0-$' +2, !' +8+$04' # .#0+' *-50# $,0' -01' !%1' 1%+' 5'+2 *#%.'-.!8' +! 1'6 # + 40' 80%#+' ,0#0' 1%+' %-' %:%$,8' 0-.0-50#05' ;8' ! -.' 80%#+' 6' -0.!02$' %-5' $,0#0' 10#0' 601' $0%2,0#+' %-5' 6010#' +2, !, *+0+' ,0' ;0+$' +2, !+' 5*#'-.' $,0' 6'#+$' 502%50' *-50#' $,0' -01' +8+$04' 10#0' $, +0'%505' ;8'$,0' 0%; 58' *-5' ; *$' OKK' +2, !+' ,%5' ;00-' #.%-'G05' ;8' >)LM' %-5' ;8' >))K' $,0#0' 10#0' >QKM' :*;!'2' +2, !+' %-5' %-' 0E:0-5'$*#0' 6 # :*;!'2' 05*9 2%$' -' 6' ^>LN>L)' # %; *$' ^J' 6 # 0%2,' 2,'!5

0-# !!05' ,0' 6'#+$' $0%2,0#+' '-+$'$*$0+' 10#0' ,0!5' '-' >)LP' %-5' '-' >))O' %' $%$0' 0%2,0#+' ++ 2'%$' -' 1%+' #.%-'G05' -' >))K' $,0' %+$' ! #'5%' 04'-%#8' #.%-'G05' %- #4%!' 50:%#$9 40-$ 6 # $,0' $#%'-'-.' 6' $0%2,0#+' '-' >))J' $,0' ! #'5%' $%$0' .#'2*!$*#%!' !!0.0' 1%+' :0-05' %$' %30' '$8' %-5' $,0' $%$0' !'-5' %-5' 0%6' -+$'$*$0' %$' $' *.*+$'-0' -' >))O' %' -01' 2 -+$'$*$' -' 1%+' %5 :$05' 1,'2,' 4%50' 20#$%'-' 2,%-.0+' '-' $,0' +2, !' +8+$04' ,0' $%$0' *:0#'-$0-50-$' 6' *;!'2' '-+$#*2$' -' %-5' 2 *-$8' +*:0#'-$0-50-$+' 6' :*;!'2' '-+$#*2$' -' 10#0' -1' $ ' ;0' 0!02$05' '-+$0%5' 6' %:: '-$05' ;8' $,0' 70#- #' %-5' $,0' +%!%#8' 6' $,0' $%$0' *:0#'-$0-50-$' 1%+' 2*$' '-',%!6' <' $,0' 70#- # %-5' $,0' $%$0' #0%+*#0# 10#0' %5505' $ ' $,0' $%$0' %#5' 6' 5*2%$' -' %-5' $,0' ; %#5' 1%+' .'70-' : 10# $ ' #04 70' +2, !' 66'2'%!+' 6 # 2%*+0' $ ' 4%-%.0' $,0' +2, !' 6*-5+' %-5' $ ' +*:0#7'+0' $,0' R' +2, !+' 6' ,'.,0# .#%50+' S' '-' $,0' +$%$0' <' $,0' $%$0' 2, !' *-5' 1%+' +$'!!' 6*#$,0# 0-9 !%#.05' <' %2 *-$8' +2, !' $%E' 6' -$' !0++' $,%-' $,#00' -# 4 #0' $,%-' 6'70' 4'!!+' 1%+' #0U*'#05' <' %2 *-$8' +2, !' 6*-5' 1%+' 2#0%$05' <' +2, !' 5'+$#'2$+' 2'$8' %-5' $ 1-' 5'+$#'2$+' +0:%#%$0' 6# 4' $,0' 2 *-$8' %-5' 5'+$#'2$' $%E%$' -' *:' $ ' $,#00' 4'!!+' 10#0' %*$, #'G05' <' $,0' '-+$#*2$' -' 6' 1,'$0' %-5' 2 ! #05' 2,'!5#0-' '-' $,0' +%40' +2, !' 1%+' 6 #;'550-' %-5' $,0' !0.'+!%$*#0' 1%+' 5'9 #02$05' $ ' 0+$%;!'+,' -0' # $1 ' -#4%!' +2, !+' %$' '$+' 6'#+$' +0++' -' ,'+' -01' 2 -+$'$*$' -' 1'$,' $,0' +*;+0U*0-$' !0.'+!%$' -' 6 *-505' $,0' :#0+0-$' +2, !' +8+$04' -' >))L' %' -#4%!' +2, !' 6 # 2 ! #05' $0%2,0#+' 1%+' 0+$%;!'+,05' %$' %!!%,%++00' 1,'2,' '-' >)P>' ;02%40' $,0' ! #'5%' $%$0' #4%!' %-5' -5*+$#'%!' !!0.0' 6 # 2 ! #05' +$*50-$+' -#4%!' +2, !' 6 # 1,'$0' $0%2,0#+' 1%+' 0+$%;!'+,05' %$' 0' *-'%3' '-' >))L' -' >))P' $,0' !0.'+!%$*#0' %;!'+,05' $,0' $#*+$00' %-5' 5'+$#'2$' +8+$04' #05*205' $,0' 2 *-$8' ;%#5+' 6# 4' 6'70' $ ' $,#00' 404;0#+' 0%2,' %-5' .%70' $ ' $,0' 2 *-$8' ;%#5' 6' :*;!'2' '-+$#*2$' -' $,0'04:! 840-$' 6'$0%2,0#+' %-5' $,0' 2 -$# !' 6' $,0' +2, !+' 6' $,0' 2 *-$8' -' >)PJ' 2 *-$8' ;%#5+' 10#0' 4%50'0!02$'70' $,0' *-'6 #4' 0E%4'-%$' -' !%1' 6 #' $0%2,0#+' 20#$'6'2%$0+' 1%+' :%++05' %-5' %' ;'!!' :# 7'5'-.' 6 #' +$%$0' %'5' H^QK KKK' :0# 80%#F' 6 #', .,' +2, !+' %-5' %' +$%-59 %#5' +$%$0' 2 *#+0' 6' +$*58' 6 #', .,' +2, !+' %-5' 6 #' 244 -' +2, !+' 1%+' 0-%2$05' -' >)PM' $,0' +$%$0' 2 -+$'$*$' -' 1%+' %40-505' +' %+' $ ' :# 7'50' 6 #' $,0' 5'+$#';*$' -' 6' $,0' +$%$0' +2, !' 6*-5' $ ' $,0' 2 *-$'0+' -' $,0' ;%+'+' 6' %70#%.0' 5%'!8' %$$0-5%-20' '-+$0%5' 6' +2, !' 20-+*+' %-5' '-' >PKM' $,0' 2 -+$'$*$' -' 1%+' +$'!!' 6*#$,0# %40-505' +' %+' $ ' #%'+0' $,0' 4%E'4*4' !'4'$' 6' 2 *-$8' $%E%$' -' 6# 4' 6'70' $ ' +070-' 4'!!+' -' >PKL' 2 *-$8' +*:0#'-$0-50-$+' 10#0' .'70-' %' 506'-'$0' +%!%#8' ;8' !%1' 7%#8'-.' 6# 4' ^OKK' $ ' ^NMKK' %' 80%#' $,0' +$%$0' %'5' $ ' ,'.' +2, !+' 1%+' '-2#0%+05' $ ' ^OQ KKK' :0# 80%#<' ^OK KKK' :0# 80%#' 1%+' %:: :#'%$05' $ ' 0E$0-5' $,0' $0#4' $1 ' 4 -$,+' '-' $, +0' +2, !+' ,%7'-.' %-' %70#%.0' 5%'!8' %$$0-5%-20' 6')K' :0# 20-$' 6' $,0' %70#%.0' 4 -$,!8' 0-# !!40-$<' %-5' ^MK KKK

$ ' 0E$0-5' $,0' $0#4' -0' 4 -$,' '-' %!!' +2, !+' - $' #020'7'-.' %'5' *-50# %-8' $,0#' :# 7'+' -+
#0+0-$' 2, !' 8+$04 ' / ' +' %$' :#0+0-$' #.%-'G05' $,0' +2, !' +8+$04' 6' ! #'5%' '+' %+' 6 !! 1+' $' $,0' ,0%5' 6' $,0' +8+$04' '+' % *:0#9 '-$0-50-$' 6' *;!'2' -+$#*2$' -' 0!02$05' ;8' $,0' :0 :!0' 6 # 6 *#?80%# $0#4+' %-5' %-' ' // (' $%$0' %#5' 6' 5*2%$' -' ,0' *:0#'-$0-59 0-$' ,%+' R' .0-0#%!' 70#+'.,$' 2,%#.0' %-5' 4%-%.040-$' 6' %!!' 4%$$0#+' :0#$%'-'-.' $' :*;!'2' +2, !+' +2, !' ;*'!5'-.+' %-5' .# *-5+' S' '-' $,0' +$%$0' 0' 2%!!+' $,0' 2 *-$8' +*:0#'-$0-59 0-$+' $ .0$,0#' '-' 2 -70-$' -+' ‹ , !5+' $0%2,0#+' '-+$'$*$0+' %-5' 0-.%.0+'-+$#*2$ #+' 6 # $,0' +%40‹ %:: #$' -+' $,0' +$%$0' +2, !' 4 -08' $ ' $,0' 2 *-$'0+' ‹ :#0:%#0+' $,0' U*0+$' -+' 6 # 2 *-$8' 0E%4'-%$' -+' %-5' , !5+' 0E%4'-%$' -+' 6 # +$%$0' 20#$'6'2%$0+' ‹ - 4'-%$0+' :0#+ -+' $ ' 6'!!' 7%2%-2'0+' '-' 2 *-$8' ; %#5+' 6' 05*2%$' -' ‹ :#0:%#0+' 6 #4+' %-5' ;!%-3+' %-5' 4%30+' %-' %-9 -*%!'#0: #$' $ ' $,0' 70#- #' ,0' $%$0' %#5' 6' 5*2%$' -' ,%+' $,0' 4%-%.040-$' 6' %!!' +2, !' !%-5+' %-5' $,0' '-70+$40-$' 6' %!!' +2, !' 6*-5+' ‹ %2$+' %+' %' 2 *#$' 6' %::0%!' -' 5'+:*$05' +2, !' U*0+$' -+' ‹ 4%8' #04 70' %-8' +*; #5'-%$0' 66'20# '-' $,0' +2, !+' 6 #'-2 4:0$0-28' -0.!02$ 6' 5*$8' # $,0#+*66'2'0-$ 2%*+0‹ %-5' 6'!!+' %!!' 7%2%-2'0+' '-' 2 *-$8' ; %#5+' 6' 05*2%$' -' *-$'!' $,0' -0E$' 0!02$' -
0%2,' 2 *-$8' $,0#0' '+' % 2 *-$8' +*:0#'-9 $0-50-$' 6' :*;!'2' '-+$#*2$' -' 0!02$05' ;8' $,0' :0 :!0' 6' $,0' 2 *-$8' 6 # 6 *#?80%# $0#4+' %-5' % 2 *-$8' ; %#5' 6' :*;!'2' '-+$#*2$' -' 2 -+'+$9 '-.' 6' $,#00' 404;0#+' 0!02$05' 6 # $1 ?80%# $0#4+' -0' 6# 4' 0%2,' 6' $,0' $,#00' +2, !' ; %#5' 5'+$#'2$+' '-$' 1,'2,' 0%2,' 2 *-$8' '+' 5'7'505' ,0' 2 *-$8' +*:0#'-$0-50-$' '+' #09 U*'#05' $' '-+:02$' $,0' +2, !+' %-5' $' %57'+0' 1'$,' :%#0-$+' %-5'+2, !' 66'20#+‹ $' 300:'#02 #5+' 6' 0%2,' +2, !‹ $' 502'50' 5'+:*$05' +2, !' U*0+$' -+‹ $' ! 3' %6$0#' +2, !' ;*'!5'-.+' %-5' 6*-5+‹ $' 2 -5*2$' $0%2,0#+' 0E%4'-%$' -+' %-5' '++*0' 2 *-$8' 20#$'6'2%$0+‹ $' #0: #$' $,0' 2 !!029 $' -' 6' :!!' $%E0+' %-5' $' $%30' $,0' +2, !' 20-+*+‹ $' %2$' %+' +02#0$%#8' %-5' 0E02*$'70' 66'20#' 6' $,0' 2 *-$8' ; %#5' 6' :*;!'2' '-+$#*2$' -' ,0+0' ; %#5+' '-' 0%2,' 2 *-$8' ,!5' $,0' $'$!0' 6' %!!' +2, !' :# :0#$8' 0E20:$' '-' +:02'%!?$%E' 5'+$#'2$+‹ +0!02$ +2, !' +'$0+' %-5' ! 2%$0' +2, !+' %+' -00505‹ 049 :! 8' $0%2,0#+' %-5' :%8' $,04'6 # $,0'# +0#7'20+‹ %:: '-$' -0' +*:0#7'+ # 6 # 0%2,' +2, !' -' $,0' #02 440-5%$' -' 6' $,0' :%$# -+' %-5' $,0' - 4'-%$' -' 6' $,0' 2 *-$8' +*:0#'-$0-50-$‹ 5' 1,%$070#' '+' -020++%#8' '-' $,0'# &*5.40-$' $' %57%-20' $,0' '-$0#0+$+' 6' $,0' +2, !+' '-' $,0'# 2,%#.0' : ++0++'-.' !%#.0' 5'+2#0$' -%#8' : 10#+' '-' $,'+' 4%$$0#‹ 4%8' 0+$%;!'+,' ,'.,' +2, !+‹ 4*+$' 4%30' %' 4 -$,!8' %-5' %-' %--*%!' 6'-%-2'%!' #0: #$' $ ' $,0' 2 *-$8' 2!0#3+' %-5' %-' %--*%!' #0: #$' $ ' $,0' $%$0' *:0#'-$0-50-$‹ +0!02$ %-5' %5 :$' %' *-'6 #4' +0#'0+' 6' $0E$; 3+' %-5' :#09 +2#';0' % *-'6 #4'2 *'#+0' 6'+$*58'6 #' $,0' +2, !+' 6' $,0'# #0+:02$'70' 2 *-$'0+‹ 0+$'4%$0' %-5' !078' $,0' %4 *-$' 6' 2 *-$8' +2, !' $%E' -00505' $ ' 2 -5*2$' $,0' +2, !+' 6 #' $,0' 0-+*'-.' 80%#‹ %:?
: '-$' %' 2 *-$8' .#%5'-.' 2 44'$$00' 6' $,#00 $0%2,0#+' $ ' %++'+$' $,0' 2 *-$8' +*:0#'-$0-50-$' '-' 2 -5*2$'-.' $0%2,0#+' 0E%4'-%$' -+‹ 6'E' $,0' $'40' 6 #' $,0' :0-'-.' 6' $,0' +2, !+' 6' $,0' 2 *-$8‹ #50# 0!02$' -+' 6 #' $,0' 2#0%$' -' 6' +:02'%!?$%E' 5'+$#'2$+‹ %-5' +*;5'7'50' 0%2,' 2 *-$8' '-$' $,#00' %:: # E'4%$0!8' 0U*%!' +2, !' ; %#5' 5'+$#'2$+' 6 #' $,0' 0!02$' -' 6' 404;0#+' 6' $,0' 2 *-$8' ; %#5' 6' :*;!'2' '-+$#*2$' -' %-5' %!$0#' $,0' ; *-5%#'0+' 6' $,0' +%40' ,0' :%$# -+' 6' 0%2,' +2, !' #02 440-5' $,0' 2 *-$8' +*:0#'-$0-50-$' - 4'-%$0+' %-5' $,0' 2 *-$8' ; %#5' 6' :*;!'2' '-+$#*2$' -' %:: '-$+' -0' +*:0#97'+ #6 #' 0%2,' +2, !' '-' $,0' 2 *-$8' +:02'%!?$%E' 5'+$#'2$+' 0E20:$05' 1, +0' 5*$'0+' %#0' $' +*:0#7'+0' $,0' 1 #3' 6' $,0' +2, !' %-5' $' #0: #$' 4 -$,!8' $' $,0' 2 *-$8' +*:0#'-$0-50-$' ,'+' '+' %!!' $,%$' '+' !06$' 6' $,0' 5'+$#'2$+8+$04' 6' +2, !' %54'-'+$#%$' -' '-' $,0' +$%$0' 0E20:$' '-' +:02'%!?$%E' 5'+$#'2$+
8' %' :0$'$' -' 6' -0'6 *#$,' 6' $,0' $%E:%80#+' %-5' %-' %66'#4%$'70' 7 $0' 6' %' 4%& #'$8' 6' $,0' 7 $0+' 2%+$' %$' % +:02'%!' 0!02$' -' 2%!!05' 6 # $,0' :*#: +0' %-8' 2'$8' $ 1-' 2 44*-'$8' # +*;95'7'+' -' 6' $,0' 2 *-$8' 4%8' #.%-'G0' '$+0!6' %+' % +:02'%!?$%E' 5'+$#'2$' $ ' ;0' . 70#-05' ;8' $,#00' $#*+$00+' 0!02$05' 6 # $1 ?80%# :0#' 5+' ,0' ; %#5' 6' $#*+$00+' + ' 0!02$05' +*:0#+050+' $,0' +*:0#7'+ #' ;*$' $,0' +2, !+' +$'!!' #04%'-' *-50# $,0' 2 -$# !' 6' $,0' 2 *-$8' ; %#5' 6' :*;!'2' '-+$#*2$' -' ,0' $#*+$00+' '-' +:02'%!?$%E' 5'+9 $#'2$+' %#0'.'70-': 10# -!8'$' - 4'-%$0'$0%2,0#+' $ ' $,0' 2 *-$8' ; %#5' 6 #' %:: '-$40-$‹ $' 0E:0-5' %!!' +:02'%!' $%E' #%'+05' ;8' $,04' '-' %-8' 0U*'$%;!0' 4%--0#' $,08' 4%8' 5004' ;0+$‹ $' 0+$'4%$0' $,0' #%$0' 6' +:02'%!' $%E' $' ;0' 7 $05'6 #' $,0' 0-+*'-.' $1 ' 80%#+‹ $' %54'$' *$+'50' 2,'!5#0-' $' $,0' +2, !+‹ %-5' $' +*:0#7'+0' $,0' +2, !+' %-5' #0: #$' $' $,0' 2 *-$8' +*:0#'-9 $0-50-$' %-5' 2 *-$8' ; %#5
2, !' *:: #$' / ' ,0' +$%$0' #'.'-%!!8' #09 20'705' PK) QKJ' %2#0+' 6' !%-5' 6# 4' $,0' >O$,' +02$' -' .#%-$+' 4%50' ;8' -.#0+' $ ' $,0' +$%$0+' 6 # 2 44 -' +2, !+' %-5' 6 *# $ 1-+,':+' 6' !%-5' HPN >OK' %2#0+F' 6 # $1 ' +04'-%#'0+' 6' !0%#-'-.' ' ' : #$' -' 6' $,'+' 1%+' + !5' ;06 #0' $,0' 1%#' ;*$' $,0' :# 2005+' 6' +*2,' +%!0+' 10#0' ! +$' '-' $,0' +$#*..!0' ; *$' -0' $,'#5' 6' $,0' >O$,'+02$' -' !%-5' '+' +$'!!' -' ,%-5'%-5' '+' 2!%++05' %+' *-:# 5*2$'70' !%-5'- $*-50# !0%+0' 1'$, *$ %-8' 7%!*0' %$$%2,05' $ ' '$' ,0' $ $%!' :0#4%9 -0-$' +2, !' 6*-5' 6' $,0' +$%$0' %$' !%+$' #0: #$' 1%+' ^> >NP OOL' ,0' '-$0#0+$' -' $,'+' $ .0$,0#' 1'$,' %' +$%$0' -0' 4'!!' :# :0#$8' $%E' '+' %:: #9 $' -05' $ ' $,0' 2 *-$'0+' -' $,0' %70#%.0' 5%'!8' %$$0-5%-20' 6' $,0' :#0205'-.' 80%#' %2,'2 *-$8' '+' #0U*'#05' $ '!078'% 2 *-$8' $%E' 6' - $!0+' $,%-!' Q' 4'!!+' %-5' %:: !!' $%E' 6' ^>' $ ' ;0' %5505' $ ' $,0' 6*-5' #020'705' 6# 4' $,0' +$%$0' ,0' %70#%.0' 2 *-$8' $%E' !07'05' '-' >PKP?>K' 1%+' 0)M' 4'!!+' $,'#$8?$1 ' 6' $,0' 6 #$8?+'E' 2 *-$'0+' !078'-.' L' 4'!!+' $,0' ! 10+$' $%E' !07'05' ;0'-.' Q' 4'!!+' :02'%!?$%E' 5'+$#'2$+' 6' 1,'2,' $,0#0' 10#0' MOO' '-' >PK)' 4%8' %!+' !078' %55'$' -%!' $%E%$' -' *:' $ ' J' 4'!!+' ,0' +$%$0' %!+' 4%30+' %55'$' -"

%::# :#'%$' -+' 6' ^OQ KKK' %--*%!!8' '-'%'5' 6',.,' +2, !+' ^OK KKK' %--*%!!8' '-'%'5' 6'%!!2 4 4 -' +2, !+' %$$%'-'-.' %-' %70#%.0' %$$0-5%-20' 6')K' :0# 20-$ -',$,0'$ $%!' $0#4'0-# !!40-$' %-5' ^MK KKK' %--*%!!8' $ ' ;0' %::#$' -05' $ ' $,0' 2 *-$'0+' '-' :# : #$' -'$ ' $,0'#:# :0#$8'7%!*%9 $' -' $ ' 0E$0-5'6 # -0' 4 -$,' $,0' +2, !+' - $' #020'7'-.'%'5' *-50#0'$,0# 6' $,0' $1 ' :!%-+' &*+$ 40-$' -05' ,0' $ $%!' +$%$0' 2 -$#';*$' -' '-' >PKO?>PKL' 1%+' 0U*%!' $ ' >J OQ' :0# 20-$' 6' $,0' $ $%!' +*4' #%'+05

5*2%$' -%!' -5'$' -+' / ' 6' $,0' : :*!%9 $' -' 6' >PKK' MJ O' :0# 20-$ 10#0' -0.# 0+' %-5 PQ Q' :0# 20-$' 10#0' -%$'70' ; #-' -' $10!70' 2 *-$'0+' $,0' ;!%23+' *$-*4 ;0# $,0' 1,'$0+' %-5' '-' $1 ' 2 *-$'0+' $,08' *$-*4 ;0# $,0' 1,'$0+'6 *#$' -0' ,0' 0#20-$%.0' 6' !!'$0#%28' '-' ! #'5%' HN> P' :0# 20-$F' %22 #5'-.' $ ' $,0' 050#%!' 20-+*+' 6' >PKK' 1%+' + 401,%$' ! 10# $,%-' $,%$' 6 # $,0' $,0# *$,0#-'+$%$0+' # $,0' $1 '#%20+' $,0' 6'.*#0+' 10#0') P' :0# 20-$' 6 # $,0' 1,'$0' %-5' J) M' :0# 20-$' 6 # $,0' ;!%23 ' ,0' %70#%.0' 7%!*0' 6' !%-5' 6*#-'$*#0' 0U*':9 40-$' %-5' +2, !, *+0+' 6' $,0' +$%$0' '+' %; *$ □□□' 0%2,' 1,'2,' '+' %!+' ,'.,0# $,%-' '+' $,0' 2%+0' '-' -0'.,; #'-.' +$%$0+' # ;*'!5'-.+' %! -0' $,0' %70#%.0' 7%!*0' '+' %::# E'4%$0!8' ^)KK' 6 # 1,'$0' %-5' ^JKK' 6 # ;!%23' +2, !+ ,0' #*#%!' +2, !+' %#0' ;*$' :%#$'%!!8' .#%505' %-*%!' $#%'-'-.' '+' -$'!'+$05' %+' $%*.,$''-'%-8' 2'$8' # $ 1-' '-' $,0' +$%$0' *#%!' .#%505' +2, !+' 1,'2,' :#0:%#0' :*:'!+'6 #$,0',.,' +2, !' .#%50+'%#0' -1';0'-.'5070! :05''-'4%-8':!%20+ 0%2,0#+'%-5' #%'-'-.' /' 22 #5'-.'$ ' $,0' +$%$'+$'2+' 6*#-'+,05' $,0' -0.#' $0%2,0#+' %#0' %' 4 #0' :0#4%-0-$' 2!%++' $,%-' $,0' 1,'$0' $0%2,0#+' $,0' %70#%.0' $0%2,'-.' 0E:0#'0-20' 6' -0.#' 4%!0+' ;0'-.' +070-$8?-'-0' 4 -$,+' %+' %.%'-+$'6'6$8?$1' 4 -$,+' 6 # 1,'$0' 4%!0+' %-5' 6 #$8' 4 -$,+' 6 # -0.#' 604%!0+' %+' %.%'-+$',$'#8?+'E' 4 -$,+' 6 # 1,'$0'604%!0+' 070-$00-' :0# 20-$' 6' $,0' 1,'$0' $0%2,0#+' %-5' >P' :0# 20-$' 6' $,0' 2 ! #05' %#0' .#%5*%$0+' 6' - #4%!+2, !+' # $,0' $#%'-'-.' 6' -01' $0%2,0#+' $,0' +$%$0' 4%'-$%'-+' $,0' $%$0' #4%!' %-5' -5*+$#'%!' 2, !' %$' %!!%,%++00' 6 # -0.#' $0%2,0#+' 1,'!0' $,0' 05*2%$' -%!' 509 :%#$40-$' 6' $,0' -'70#+'$8' 6' $,0' $%$0' 6' ! #'5%' %-5' $,0' - #4%!' 50:%#$40-$' 6' $,0' ! #'5%' 04%!0' !!0.0' +0#70' %+' #4%!+2, !+' 6 # $,0' 1,'$0' #%20' -'%55'$' -' $,0' +$%$0' 4%'-9 $%'-+' $1 ' +*440#+2, !+' 6' $1 ' 4 -$,+' 0%2,' 6 # $,0' '-+$#*2$' -' 6' 1,'$0' $0%2,0#+' %-5' -0' +*440#+2, !' 6' +'E' 1003+' 6 # $,0' '-+$#*2$' -' 6' 2 ! #05' $0%2,0#+' # $,0' 4%'-$0-%-20' 6' $,0+0' +*440#+2, !+' $,0' +$%$0' 4%30+' %-'%-9 -*%!' %::# :#'%$' -' 6' ^MKKK' %-5' ^NQKK' %55'9 $' -%!' $ ' :%8' $,0' $#%70!'-.'0E:0-+0+' -0' 1%8' 6' %!!' $0%2,0#+' # :# +:02$'70' $0%2,0#+' %$$0-5'-.' $,0+0' +2, !+' ,0' $0%2,0#+' '-+$'$*$0' 1'$,' #0U*'#05' %$$0-5%-20' 6' %!' $0%2,0#+' %+' 3-1-' 0!+01,0#0',%+' -$' %+' 80$';00-' 4%50'%::%#$' 6' $,0' +$%$0' +2, !' +8+$04' !*-$%#8' $0%2,0#+' %++ 2'%$' -+' %#0' ,0!5' %-5' $,0+0' 0-# !!05' -0' +'E$,' 6' $,0' 1,'$0' %-5' -0' +070-$,' 6' $,0' 2 ! #05' $0%2,0#+

02 -5%#8' 5*2%$' -' / ' '-20' >PKJ' $,0' +$%$0' ,%+' 660#05'%'5' %+'-$05'%;70'$ '#*#%!'.#%505' +2, !+' %-5' $ ' &*-' #H$1 ?80%#F' %-5' +0-' #H6 *#?80%#F',.,' +2, !+' *#%!'.#%505'+2, !+' %+'506'-05'4*+$';0'! 2%$05''-'$ 1-+' 6'!0++'$,%-' QKK' '-,%;'$%-$+' # $,#00' # 4 #0' 4'!0+' 6# 4' %-8' $ 1-' # 2'$8' 6' 70# QKK' '-,%;'$%-$+' 1 ' :*;!'2',.,' +2, !+' %-5' $,#00' 50-4'-%9 $' -%!' '-+$'$*$' -+' 660# +02 -5%#8' '-+$#*2$' -' 6 # $,0' 2 ! #05'#%20' %-8' 6' $,0',.,' +2, !+' %#0' 2 4;'-05'.#%4 4%# %-5',.,' +2, !+ '.,0# %-5' 02,-'2%!' 5*2%$' -' / ' ,0' -'70#+'$8' 6' $,0' $%$0' 6' ! #'5%' %$ %'-+?7'!!0'6 # 40-'%-5'$,0' ! #'5%' 04%!0' !!0.0' %$ %!!%,%++00' 6 # 1 40-' +$%-5' %+' $,0' 2*!9 4'-%$' -' 6' $,0' :*;!'2' +2, !' +8+$04' 6' $,0' +$%$0' ,0' 6 #40#-1'04;#%20+' $,0' .#'9 2*!$*#%!' %-5' 02,%-'2%!' !!0.0' 6 #40#!8' ! 2%$05' %$ %!!%,%++00' ,0' ! #'5%' $%$0' #4%!' %-5' -5*+$#'%!' 2, !' %$ %!!%,%++00' 660#+' 402,%-'2%!' %-5' %.#'2*!$*#%!' '-+$#*2$' -' 6 # $,0' 2 ! #05' #%20' ,0' +$%$0' %!+' 4%'-9 $%'-+' $,0' ! #'5%' -+$'$*$0' 6 # $,0' !'-5' 0%6' %-5' *4;' %$' $' *.*+$'-0' -' %59 5'$' -' $ ' $,0' +$%$0' '-+$'$*$' -+' $1 ' :#'7%$0' %-5' 50-4'-%$' -%!' '-+$'$*$' -+' 660# 1 #3' 6' 2 !!0.'%$0'.#%50'

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$ * '( ) ') ' 1 !' /' 0(' ' 5 % '# ' -6' ' ' *' 5*2 ' ' L' >))) ' QM' ::' H %+,'-.$-'>))PF 0 /' ' . ' /'5 6 >)J)' >)OQ' >)O)' >))Q ' /' '.(' $' /' '. ' /'5 6 >PKP' 05' % * '(' '+% #8' 6' $,0' ! #'5%' $%$0' 2, !' 8+$04' '-' 8 % E % .0 % +02 %', %6 >)PN?' >)PM' ::' Q?OJ ' ' ' ?' ' ' /' -'+$'$*$' -' 0+$%;!'+,05' 8' %2$' 6' !0.'+!%$*#0' '-' >PKQ' 1,'2,' 0+$%;!'+,05' %$' $,0' +%40' $'40' $,0' ! #'5%' $%$0' !!0.0' 6 # 1 40-'%-5' %;!'+,05' $,0' .#'2*!$*#%!' !!0.0' %$ %30' '$8' H6 *-505' '-' >))M' %-5' 6# 4' >PKJ' $' >PKQ' 3-1-' %+' $,0' -'70#+'$8' 6' ! #'5%F' $,0' ! #'5%' $%$0' !!0.0' %$ %!!%,%++00' HD' >)QOF' $,0' #4%!' 2, !' %$' 0' *-'%3' :#'-.+' $,0' %+$! #'5%' 04'-%#8' %$ %'-0+7'!!0' HD' >)QNF' $,0' *$,' ! #'5%' !!0.0' %$ %$ %#$ 1' %-5' $,0' .#'2*!$*#%!' -+$'$*$0' '-' +20 !%' *-$8' ' +*;?6#0+,4%-' 2!%++' '+' %!+' 4%'-$%'-05' ,0' 0-$#%-20' #0U*'#040-$+' $' $,0' 6*!!' 2 *#+0+' %#0' 0U*'7%!0-$' $' $10!70' :'-$+' 6' ,'.,' +2, !1 #3' %-5' %54'++' -' '+' ;8' 0E%4'-%$' -' #20#$'6'2%$0' 6# 4' %-' %22#05'$05' ,'.,' +2, !' 'E' 2 *#+0+' %#0' 660#05'!0%5'-.' $ ' $,0' 50.#00+' 6' ' '-' %#$+' %-5' :05%. .8' 2' '-' .0-0#%!' +2'0-20' 0-.'-00#'-.'%-5' %.#'2*!$*#0' , #$' $1 ?80%#' 2 *#+0+' %#0' :#7'505' -'%;%+'+' 6' $,0' 2 44 -' +2, !' ;#%-2,0+' ,0' *-'70#+'$8' '+' *-50#' $,0' +*:0#7'+' -' 6' %#$5' 6' -$# !'%-5' '+' 4%'-9 $%'-05' *$' 6' +$%$0' %:::# :#'%$' -+' %-5' $,0' '-9 2 40' 6' $,0' .#'2*!$*#%!' !!0.0' *-5' $,0' ##'!!'%-5'+'4'!%#' 6*-5+' %-5' $,0' %+$' ! #'5% 04'-%#8' *-5' ,0' +$*50-$ 0-# !!40-$' '-' >PKP?>K' 1%+' >)O' ,0#0' '+' %' $0%2,'-.'+$%66' 6' 6 #$8?+'E

<2 * * 6 8 , 8< 6) , 8 ,
,0-070# -0 0$$0 4 :$+ $, !5 %- 0E:0#'0-20 0'$,0# +0-+ #8 # '50%$' -%! +$0%5'!8 '- 2 -9 +2' *+-0++ ,0 0E:0#'0-20 % +*220++' - 6 1%70#'-. '-$0-+'$'0+ $ -0 4 40-$ $,0 0E:0#'0-20 '+ 7'7'5 %-5 '-$0-+0 % 4 40-$!%$0# '$ '+ !0++ '-$0-+0 6#0U*0-$!8 5'+%: :0%#'-. 0-$'#0!8 6# 4 2 -+2' *+-0++ # 0E%4 :!0 '6 %- ;+0#70# ! 3+ +$0%5'!8 %$ % 6%'-$!'. ,$' '$ 1'!! ;0 +00-$ $ 2 40 %-5 . ,'+ 6!*2$*%$' - + 5*0 $ % +0#'0+ 6 #0$'-%! 2 -5'$' -+ 1,'2, %#'+0 5*#'-. $,0 :# .#0++ 6 $,0 +$'4 *!%$' - '!!+;*#8 5'+$'-.*'+,0+ ;0$100-6!*2$*%$' -+ '- #.%-+ 6 +0-+0 '!!*+$#%$05 '-$,0 !%+$ 0E%4 :!0 %-5 6!*2$*%$' -+ 6 %$$0-$' - ,0 !%$$0# %#0 %22 #5'-. $,'+ 0E:0#'40-$+ + 401,%$ +! 10# $,%-$ $,0 6!*2$*%$' -+ '- +0-+ #8 :# 9 20++0+ # $,0 4 +$:%#$ +0-+ #8 6!*2$*%9 $' -+ %-5 6!*2$*%$' -+ '- %$$0-$' - ,%70 ;00- #0.%#505 %+ '50-$'2%!' '- $8:0 $, ,%70 ;00-$#%205 $ $,0 '-%;'!'$8 6 -0#7 *+ $'++*0 $ 2 -$'-*0 '-506'-'$0!8 '$+ %2$'7'$'0+ ,0- $,0 #0$'-% +$'4 *!%$05 ;8 2 -+$%-$!'.,$ #0: #$+ $ $,0 20-$#%! -0#7 *+ +8+$0 4 7%#8'-. '-$0-9 +'$'0 6 +0-+ #8 0E2'$%$' - $,'+ '+ ,0!5 $;0 5*0 $ $,0 '-$0#4 '$$0-$ %2$'7'$'0+ 6 -0#7 *+ $'++*0 -$,0 +%40 1%8 1,0- -0 %$$04 :$+ $, !5 %- '50% 7'7'5!8 ;06 #0 ,'+ 2 -+2' *+9 -0++ ;*$ 6%'!+ $ 5 + 1'$,'2 4 :!0$0 +*220++ '$ 4%8 ;0 %++*405 $,%$,'+ 20-$#%! -0#7 *+ $'++*0 !'30 $,0 +0-+ #8 $'++*0 '+ 1-2%:%;!0 6 '-506'-'$0 %2$'7'$8 %$ $,0 +%40 !070! 6 '-9 $0-+'$8 (O60#0-20 /

<8 2028 /) / , 0 +2'0-20 6 6 !3! #0 '6 +2'0-20 '$ '+ ,%+ $,0 * -*+*%! 5'+$'-2$' - 6 ;0%#'-. %- -.!'+,' -%40 ,0 .0-0#%! 2*+9 $ 4 6 $,0 -.!'+,' !%-.*%.0 6# 4 $,0 ;0.'-9 -'-. ,%+ ;00-$ $.'70 -%40+ 6 %$'-5 %-5 #003 #'.'-$ +2'0-$'6'2 +$*5'0+ +*2, %+ $,0 !50# -%40+ %+$# ! .8 4%$,04%$'2+ 0$2 %-5 $,0 -%40+ 6 $,0 -010# +2'0-20+ ;' ! .8 + 2' ! .8 %-$,# : ! .8 0$2 ,0 -%$'70 -%40 6 $,0 +2'0-20 6 6 !3! #0 '+ +*..0+$'70 ; $, 6 $,0 #'.'-+ 6 $,0 +2'0-20 %-5 6 $,0 #0%+ -+ 1,8 '$+ +$%-5'-. %+ % +2'0-20 ,%+ ;00- 6#09 U*0-$!8 2%!!05 '-' U*0+$' - ,0 +2'0-20 10+ '$+ #'.'-$ $,0 1 #!5? !5 '-$0#0+$ 1,'2, $,0 4 #0 '-U*'#'-. %4 -. 40- ,%70 %!1%8+ 60!$ 1'$, #0+:02$ $,0 ;'$+ %-5 2*+$ 4+ 6 $,0 + 2'0$8 6 1,'2, $,08 10#0 404;0#+ ,0 +$*58 .'70+ 0E:#0++' - $ % .0-0#%! : :*!%# '-$0#0+$ %-5 $,0#06 #0 %: :# :#'%$0!8 ,%+ $%30- % .0-0#%!!8 '-$0!!'.';!0 -.!'+,' -%40 ,'+ : :*!%# '-$0#0+$ '- + 2'%! 2*+$ 4 %-5 $#%5'$' - I ,%+ +0!5 4 ;00- 5070! :05 , 1070# 1'$,%-8 %: :# %2, $ #'.'5 +2'0-$'6'2 40$, 5 70#8 -0 ;+0#70+'+ 2'%! 2*+$ 4 1'$,'% 20#$%'-'50.#00 6 '-$0!!'.0-20 ;*$ 601 $%30 $,0 $# *;!0 $ $0+$ $,0'# 1- ;+0#7%$' -+ '- % 2#'$'2%! +:'#'$ # $ 10'.,'$,0 07'50-20 *: -1,'2,'$,0 #0: #$05 ;+0#7%$' -+ 6 $,0#+ %#0 +*:: +05 $;0 ;%+05 $' #0+*!$+ 2 -+0U*0-$!8 $,%$ 4*2, 6

<2 8 4) / *2 * /) / 00) % # * ,
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<2 8 / 81 A8 7 , / #'$0# 6 $%!'%- $0E$9 ; 3+ '- -.!%-5 ; #- %; *$ >QQJ 1%+ $,0 + - 6 '2,%0! -.0! ! #' :#0%2,0# $ $,0 $%!'%- # $0+$%-$ #06*.00+ '- -5 - >QQK $ 1%+ 6 $,'+ 2,*#2, $,%$ .0# +2,%4 +: 30 '- $,0 .(6 1,0- ,0 2 -504-05 2 *#$'0#+ 6 # %$$0-5'-.$,0 +0#7'20 -!8$ $,0%# $,0 !%-.*%.0%-5 - $ 6 # 507 $' -%! :*#: +0+ (, - ! #' +6%$,0# $%*.,$ $%!'%- -5 - 0 $#%-+!%$05 %$'- %$02,'+4 '- $ $%!'%- >QQJ HcF %-5 1# $0 '- $%!'%- !'60 6 %58 (%-0 #%8 *$ '$ 1%+ ,'+ + - (,- 1, '+ 0+:02'%!!8 $;0 2 --02$05 1'$, +8+$0 4%$'2 $0%2,'-. 6 $%!'%- '- -5 - (,- ! #' 1%+ :# ;%;!8 05*2%$05 6'#+$ -$,0 -$'-0-$ %-5$,0-0-$0#05 %.5%!0- !!0.0 E6 #5'- >Q)> 0 1%+ 2 --02$05 1'$, $,0 , *+0, !5 6 $,0 %#! 6 *$,%4 :$ - %-5 ,%5 ;00- $*$ # '-6 #0'.-!%-.*%.0+ $;0#$ %#-0+ + - 6 $,0 '+, : 6 *#,%4 H '-+$0'- ' " (! #' 1%+ $0%2,0# 6 !%-.*%.0+ $ $,0 8 *-. #'-20 0-#8 + - 6 (%40+ 0 0 ;02%40 #0%50# '- $%!'%- $] *00- --0 H1'60 6 '-. (%40+ F '- >OKJ ! #' 1%+ 4%##'05 $ $,0 5%*.,$0# 6 %4*0! %-'0! $,0 : 0$! #' '+ ;0+$ 3- 1- ;8 ,'+ $#%-+!%$' - 6# 4 $,0 #0-2, 6 -$%'.-0 + ! '- >OKJ *$,0 0+:02'%!!8 %+:'#05 %+ ,0 +%8+ ,'4+0!6 $ 5 6 # $%!'%- '- -.!%-5 1,%$ '# , 4%+ !8 $ %-5 '+, : :0# ,%5 5 -0 6 # %$'- %-5 1,%$ $,0 +$'0--0+ ,%5 5 -0 6 # #003 %-5 1'$, $,'+ 0-5 ;06 #0 ,'4 2 4 :'!05 / (0 (' (, 6 0-5 >QP) ,0 +02 -5 05'$' - 1%+ 0-$'$!05 P0 > - $ / 6 %-5 1%+ :*;!'+,05 '- >O>> ,0 $,'#5 05'$' - 1%+ #07'+05 ;8 ' 7%--' ##'%- %-5 :*;!'+,05 '- >OQP / 1'$,' %- -.!'+,? $%!'%- :%#$ %5505 ;8 ##'%- ! #' $,0# $%!'%- $0E$; 3+ 10#0 5 5 0 6 $ (! / (6 2 6 $ (! 6 / (, 0(-5 >QL) . (/ 0 2 6 / $ / 20 # 0 / , $ (3 / " (6 ! 0 , 2 % $%!'%- %-5 -.!'+, -5 >QP> ,0 !%$$0# :%#$ 1%+ %!+ :*;!'+,05 +0:%#%$0!8 '- $%!'%- %+ 3 (; 6 -5#%' >QP> ,0 40$,5 6 $0%2,'-.;8 :# 70#;+ '+ :%#%!!0!05 ;8 (,- !%#30 &<% %* %-5 #%+9 4*+ 6 %-5 1%+ $,*+ %#02 .-'G05 $0%2,9 '-. 40$,5 6 $,0 $'40+
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!'$0#%#8' '4%.'-%$' -' H 00' ' '5 -' .0-0#%!' '$' 1'!!' ;0' 6 *-5' $,%$' $,0' 4 #0' : :*!%#' %-5' *-!'$0#%#8' $,0' 6 #4' 6' %' $#%5'9 $' -%!' -%##%$'70' $,0' 4 #0' :'2$*#0+U*0' %-5' '-$0#0+$'-.' ; $,' '-' :,#%+'-.' %-5' '-' 2 -$0-$' '$' 1'!!' ;0' $',%+' 70#8' #%#0!8' ,%: :0-05' $,%$' % !'$0#%#8' #07'+' -' 6' % .0-*'-0' : :*!%# -%##%$'70' ,%+' '4:# 705' '$' + ' 6%#' %$' !0%+$' %+' '$+' :#0+0-9 $%$' -' $ ' 2,'!5#0-' '+' 2 -20#-05' ,0' ;0+$' $,0' !'$0#%#8' #07'+0#' 2%-' 5 ''+' $ '$#%-+2#';0' %+' #'4 4' 5'5' '-' ,'+' (6' $,0' 6 #4' 6' $,0' +$ #8' 1,'2,' ,%+' ;00-' 1 #305' *$' '-' $,0' :#%2$'2%!' +2, !' 6' : :*!%# 0E:0#'0-20' -' $,'+' 2 --02$' -' %$$0-9 $' -' 4%8' %!+ ' ;0' 5#%1-' $ ' $,0' 6%2$' $,%$' $,0' : :*!%#' #'.'-' %-5' 07 !*$' -' 6' $#%5'$' -%!' -%##%$'70' 5 0+' - $' -020++%#'!8' '4:!8' % ! 1' 50.#00' 6' %#$' '-' +*2,' -%##%$'70' ,0' 40$, 5+' 6' : :*!%# -%##%$'70' %#0' %+' 0E%2$'-.' %+' $, +0' 6' 1#'$$0-' !'$0#%#8' %#$' %-5' % +$ #8' 6 #405' %-5' 0!%; #%$05' ;8' 4%-8' +*220++'70' .0-0#%9 $' -+' 6' $#%5'$' -%!' $0!!'-.' 4%8' ,%70' #0%2,05' %' 6'-%!' %-5' :0#602$' 6 #4' 1,'2,' '6' '$' 2%-' ;0' 2%*.,$' '-' '$+' .0-*'-0' : :*!%# 6 #4' '+' - $' $' ;0' '4:# 705' ;8' 2 -+2' *+' %#$'+$#8' ,0' 40#0' 1#'$'-.' 5 1-' %+' '-' $,0' 2%+0' 6' 40#' %-5' $,0' $,0#' .#0%$' 0:'2+' '+' %-' %22'50-$' 6' 2'#2*49 +$%-20' %-5',%+' !'$$!0' $ ' 5 ' 1'$,' $,0' 2#0%$' -' 6' $,0' -%###%$'70' '$+0!6

,0' 6 #4+' 6' 6 !3' $%!0+' 4 +$' 6#0U*0-$!8' *+05' 6 #' :*#: +0+' 6' '-+$#*2$' -' '-' $,0' $0%2,'-.' 6' 0!040-$%#8' +$*50-$+' %#0' 48$,+' 6%'#8' $%!0+' %-5' 6%;!0+' $ #'0+' 6' $,0' 6'#+$' 3'-5' '-' 1,'2,' $,0#0' '+' *+*%!!8' % -%##%$'70' 6',*4%-' 070-$+' '-7 !7'-.' +*:0#-%$*#%!' :0#+ -+' %-5' 0E:#0++9 '-.' % $#%5'$' -%!' : :*!%# 2 -20:$' -' 6' -%$*#%!' :,0- 40-% H+*2,' %+' $,0' : !! ' 48$,+' #' 6' ,'+$ #'2%!' #' +*: : +05!8',' +$ #'2%!' 070-$+' H+*2,' %+' $,0' # &%-' 1%#+' 6' 40#F' %#0' 1'50!8' 5'+$#';*$05' %4 -.' %!!' :0 :!0+' ,08' %#0' ;7' *+!8' #0!%$05' '-' $,0'#' .'-+' %-5' 5070! :9 40-$' $ ' $,0' .# 1$,' '-' #0!'.' *+' $, *.,$' %-5' '-' -%$' -%!' +0!6?2 -+2' *+-0++' 6' $,0' :0 :!0+' 1, +0' !'60' $,08' #0+:02$'70!8' 0E:#0++' +$' 6' $,0' .#0%$' 0:'2+' 6' $,0' 1 #!5',%70' % 48$,'2%!' 6 *-5%$' -' % +$# -.' 48$,'2%!' 0!040-$

,0' 6%'#8' $%!0' -' $,0' $,0#',%-5' 5'660#+' 6# 4' $,0' 48$,' 4%'-!8' '-' $,%$' '$+' '-$0#0+$' '+' - $' + ' 2 4:#0,0-+'70' + ' 0:'2' *:0#-%$*#%!' 2,%#9 %2$0#+' %!+ ' %::0%#' '-' $,0' 6%'#8' $%!0' ;*$' ,0#0' $,0+0' 2,%#%2$0#+' %#0' $,0' 4'- #' 50'$'0+' $,0' ' (6' 6' 4 #0' 5'+$'-2$'70!8' : :*!%#' $#%5'$' -' ,0' 6%'#8' $%!0' 4 #0 70#',%+' 6#0U*0-$!8' ; *-5' *:' 1'$,' '$' 4%-8' 6' $,0' 2,%#%2$0#'+$'2+' 6' $,0' : :*!%#' 6 !3' $%!0' +*2,' %+' 4 #%!' $0%2,'-.' %-'4%!' $#%-+6 #4%$' -+' '-.0-' *+' :! $' %-5' 5# !!' +'$*%$' -' 6' $,0' 48$,' ;0' 2,%#%2$0#'G05' %+' $,0' :# 5*2$' 6' :#'4'$'70' '4%.'-%$' -' $,0' 6%'#8' $%!0' 4%8' ;0' 50+2#';05' %+' $,0' :# 5*2$' 6' :#'4'$'70' 6%-28

,0' $,'#5' $8:0' 6' 6 !3' $%!0' $,0' 6%;!0' %+' $,0' $0#4' ?'6%;!0' J' '+' -1' *+05' 2 4:#'+0+' +, #$ +$ #'0+' 2 -$%'-'-.' 4 #%!' !0++ -+' '-' 1,'2,' $,0' %2$ #+' %#0' 0'$,0# %!$ .0$,0# #:%#$!8' %-'4%!+' #'-%-'4%$0' ;&02$+' 6' -%$*#0' ,0' *!$'4%$0' #'.'-' 6' +$ #'0+' 6' $,'+' 3'-5' %+' +*#7'7%!+' 6 :#'4'$'70' %-'4'+4' +004+' :# ;%;!0' '+$ #'9 2%!!8', 1070#' $,0' .#0%$' ; 58' 6' 6%;!0' !'$0#%9 $*#0' 2%-' ;0' $#%205' ;%23' $ ' $1 '+ *#20+' #003' %-5' -5'%-' 6# 4' 1,'2,' '$' ,%+' ;00-' 5'66*+05' $,# *., *$' $,0' -%$' -+' 6' 4 50#-' *# :0' 4 -.' $,0' 0%#!8' 4%-+' 6' $,0' + *$,' 6' *# :0' %-5' %4 -.' $,0' 0*$ -'2' :0 :!0+' 6' $,0' - #$,' $,0#0' 1%+' - ' $#%5'$' -%!' 6%;!0' 4%9 $0#'%!' 6' -%$'70' #'.'-' ,0' $1 '+ *#20+' 6# 4' 1,'2,' $,0' .#0%$' ; 58' 6' *# :0%-' 6%;!0' !'$0#%9 $*#0',%+' ;00-' 50#'705' %#0'6'#+$' $,0' #003' 6%;!0' 1!''2,' 1%+' 5070! :05' %+' 0%#!8' %+' $,0' +'E$,' 20-9 $*#8' '%$' 1,'2,' $'40' ''+ :' 4<% %*6 %22 #5'-.' $' $,0' $0+$'4 -8' 6' 0# 5 $*+' !'705' $'+' - $' $' ;0' +*:: +05' $,%$' '+ :' '-70-$05' $,0' #003' 6%;!0' 1,'2,' ;0%#+' %!!' $,0' 4%#3+' 6' % $#%5'$' -%!' 6 !3' $%!0' ;*$' '$',%+' ;00-' :!%*+' ;!8' +*#4'+05' $,%$' & + :' ;02%40' $,0' -%40' $ ' 1,'2,' $,0' 6! %$'-.' !'$0#%$*#0' 6' : :*!%# 6%;!0' %$$%2,05' '$+0!6' ;09 2%*+0' '!+ :' %: :!'05' $,'+' : :*!%# 6%;!0' !'$0#%$*#0' $ ' % -01':*#: +0' -%40!8' $ ' $,0' 5'+2*++' -' 6' : !'$'2%!' 4%$$0#+' 1,0-'6#00' +:002,' 1%+' 5%-.0#9 *+' *-50#' $,0' #003' $8#%-$+' ,%$' $,0' & + :'2'6%;!0' 1%+' %-' '-50:0-50-$' 5070! :40-$' '-' #002' +004+' $ ' ;0' %50U*%$0!8' 0+$%;!'+,05' $, *.,'!%$0#' $,0' #'.'-%!' +$ 23' 6' #003' 6%;!0+' 1%+' !%#.0!8' '-2#0%+05' ;8' ; ## 1'-.' 6# 4' $,0' -5'%-' 6%;!0

,0' 4%'-' %::!'2%$' -+' 6' $,0' -5'%-' 6%;!0' 10#0' #0!'.' *+' #'.'-%$'-.' !'30' $,0' #003' 6%;!0' '-' 6 !3' $%!0+' 6' %-'4'+$'2' 2 ! #'-.' $,0' 5070! :40-$' 6' 1,'2,' 1%+' .#0%$!8' 0-2 *#%.05' ;8' $,0' #'0-$%!' ;0!'0' '-' 40$04:+82, +'+' $,0' -5'%-' 6%;!0' 1%+' *$'!'G05' '-' $,0' : :*!%# #0!'9 .' *+' '-+$#*2$' -' 6' $,0' *55,'+$+' 70#8' 4*2,' %+' $,0' !'70+' 6' $,0' %'-$+' 10#0' *+05' ;8' $,0' 405'07%!' ,#'+$'%-' :#0%2,0#+' ,0+0' +$ #'0+' 10#0' .#%5*%!!8' 2 !!02$05' *-50#' $,0' -%40' 6' C 9 6' #%$ #'0+' 6' $,0' *55,%+6 #40#' ;'#$,+< %-5' 0%2,' $%!0' 2 -+'+$+' 6' %+ +$ #8' 6' $,0' :%+$ % % 6' $,0' 6 #40#' ;'#$,' %-5' %+ +$ #8' 6' $,0' :#0+0-$' 6# 4' 1,'2,' $,0' +$ #8' 6' $,0' :%+$ %#'+0+' ;8' +*..0+$' -' %-5' $,0' 1, !0' 2 -2!*50+' 1'$,' -0' # +070#%!' 4 #%!' +$%$040-$+' +*44'-.' *:' $,0' $0%2,'-.' 6' $,0' +$ #8' !!02$' -+' 6' $,'+' -%$*#0' %++*405' 7%#' *+' 6 #4+' '-' $,0' %+$' $,0' 4 +$' '4: #$%-$ %$0#' $,0' C 9 6' ;0'-.' $,0' + (6' $,0' 1 6' %-5' $,0' E ' ' % ,0' ,'+$ #8' 6' $,0+0' 2 !!02$' -+' 6' $,0'# 2 4;'-%$' -' 1'$,' $,0' ; 58' 6' #003' 6%;!0' %-5' 6' $,0' 5'66*+' -' 6' $,'+' .0-0#%!' 2 !!02$' -' 6' -5'%-' %-5' #003' 6%;!0' 1 *!5' ;0' $,0' ,'+$ #8' 6' ;8' 6%#' $,0' .#0%$0#' :%#$ 6' $,0' 6%;!0' !'$0#%$*#0' 6' 405'07%!' %-5' 4 50#-' *# :0%-' !'$0#%$*#0'

00' # 4 ' ' + 4 &%! *4 % ' #2*4 , ' + #

060#0-20+' /

' # ' ' 8 9' /' ' 0 6' / ' ' . (' /' ' 1 % H -5 -' >)P>F * # ' + 0 ' ' ' 5 (R' ' # ' ' / % E ' ' ' % H ' +$*58' '-' $,0' :*;!'2%$' -+' 6' $,0' !3? #0' 2'0$8 F H -5 -' >)PJF , 0(' ' 5 9= % H -5 -' >)PQF

=D=

2 :0#%$' -‘ 4%8‘ ;0‘ U*'$0‘ %+‘ '4 : #$%-$‘ %+‘ %-8‘ 6‘ $,0‘ '-+$#*2$' -‘ .'70-’'-‘$,0‘ +2, !

-‘$,0‘ !%#.0‘ 2'$'0+‘ '-‘ $,'+‘ 2 *-$#8‘ '$‘ '+‘ %;9 + !*$0!8‘ -020++%#8‘ $ ‘ 6*#-'+,‘ +2, !‘ !*-2,0+‘ , *+%-5+‘ 6‘ 2,'!5#0-‘2 40‘ $ ‘ +2, !‘ 1'$, *$‘ +*'$%;!0‘6 5‘ $‘ '+‘0+$'4%$05‘$,%$‘JQ‘:0# 20-$‘ 6‘$,0‘+2, !‘2,'!5#0-‘'-‘ 01‘ #3‘ '$8‘+*66 0# 2,# -'2%!!8‘ 6# 4‘ !%23‘ 6‘6 5‘ +*%!!8‘ $,0‘ 2,'!5#0-‘,%70‘ :0--'0+‘.'70-‘$ ‘$,04‘$ ‘+:0-5‘ 1,'2,‘1'$, *$‘$,0‘+2, !‘!*-2,‘$,08‘%#0‘!'30!8‘ $ ‘ +U*%-50# 6 #‘2%-58‘ :'23!0+‘ # $,0# *-9 1, !0+ 40‘ 1%#0+‘6# 4‘ +$#00$ 70-50#+‘ 1,'!0‘ 1'$,‘$,0‘+2, !‘!*-2,‘$,08‘%#0‘$%*.,$‘$ ‘+:0-5‘ $,04‘6 # 4*2,?-00505‘ - *#'+, 40-$‘ ‘ 6*#9 -'+,‘+2, !‘!*-2,0+‘%$2 +$‘'+‘- ‘4 #0‘+ 2'%!'+$'2‘ $,%-‘$‘ :# 7'50‘ %‘2 !!0.0‘2 4 4 -+‘ # % 4*9 -'2':%!‘1%$0#+*::!8‘ $‘'-‘+ 40‘2%+0+‘'$‘5 0+‘ ;02 40‘-020++%#8‘$‘0-2# %2,‘*: -‘$,0‘#'.,$+‘ %-5‘5*$'0+‘ 6‘$,0‘, 40‘'$‘+, *!5‘;0‘5 -0‘'-‘ +*2,‘% 1%8‘$,%$‘'$‘ 1'!!‘ - $‘;0‘:0#4%-0-$!8‘ -020++%#8‘ ,0‘+2, !‘2,'!5#0-‘6‘$?5%8‘%#0‘ $‘;02 40‘$,0‘:%#0-$+‘6‘$?4 ## 1‘%-5‘$,0‘ +2, !‘+, *!5‘:0#6 #4‘$,'+‘6*-2$‘ -‘'-‘+*2,‘% 1%8‘$,%$‘%$‘!0%+$‘'-‘%- $,0# .0-0#%$‘ -‘'$‘1'!!‘ - $‘;0‘-020++%#8

-‘4%-8‘ *# :0%-‘2 *-$#'0+‘+2, !‘!*-2,0+‘ ,%70‘;00-‘:# 7'505‘6 # 4%-8‘80%#+‘ -‘ #9 1%8‘$,08‘%#0‘:# 7'505‘6#00‘%-5‘:%'5‘6 # *$‘ 6‘ $,0‘$%E0+‘ -‘ #%-20‘$,08‘%#0‘+0#705‘%$‘2 +$‘ # 6#00‘$ ‘$, +0‘1, ‘2%- - $‘:%8‘ ‘ ‘

-.!%-5‘/‘ ,0‘6005'-.‘6‘-020++'$ *+‘2,'!9 5#0-‘1%+‘6 #‘%!-.‘$'40‘*-50#$%30-‘;8‘7 !*-9 $%#8‘%++ 2'%$' -+‘ *$‘ 6‘7 !*-$%#8‘2 -$#';*9 $' -+‘ ,*+‘40%!+‘10#0‘:# 7'505‘'-‘ %-9 2,0+$0# %#5‘2, !+‘'-‘>)LP‘%-5‘'-‘ -5 -‘ +*2,‘1 #3‘1%+‘ #.%-'G05‘;8‘7 !*-$%#8‘%++ 9 2'%$' -+‘'-‘ %#5‘2, !+‘;*$‘- $‘$,# *.,‘ 66'2'%!‘ 4%2,'-0#8‘ 6$0#‘$,0‘>PKN‘ 2$‘$,0‘ :# 7'+' -‘ 6‘40%!+‘1%+‘!06$‘$‘%(‘-$ 49 4'$$00‘ -‘ -50#605‘,'!5#0-‘'-2!*5'-.‘#0:#09 +0-$%$'70+‘ 6‘$,0‘ *-2'!‘%-5‘ 5*2%$' -‘ 44'$$00‘4%-%.0#+‘%-5‘$1‘+*::!8‘%++ 9 2'%$' -+‘ -‘ %-2,0+$0# 40%!+‘10#0‘.'70-‘'-‘ >PKJ‘$‘2,'!5#0-‘'-‘- -?:# 7'505‘#7 !*-$%#8‘ +2, !+‘%+‘10!!‘%+‘'-‘ *-2'!‘ 2, !+‹ %-5‘'-‘ >PKM?KQ‘%2,%#.0‘1%+‘4%50‘6 # 40%!+‘0E20:$ '-‘$,0‘2%+0‘6‘-020++'$ *+‘2,'!5#0-‘ -‘>PKQ‘ $,0‘ 0!'06‘H 2, !‘,'!5#0-F #50# :*$‘$,0‘ #0+: -+';'!'$8‘6‘6005'-.‘2,'!5#0-‘ -‘$,0‘ # %1‘ *%#5'%-+‘;*$‘'-‘$,0‘-0E$‘80%#‘;8‘$,0‘ 5*2%$' -‘H # 7'+' -‘6‘ 0%!+F 2$‘H>PKOF‘$,0‘ ! 2%!‘%*$, #'$'0+‘ 10#0‘:0#4'$$05‘$‘%++ 2'%$0‘ $,04+0!70+‘ 1'$,‘%-8‘2 4 4'$$00‘$‘:# 7'50‘ 40%!+‘6 # 2,'!5#0-‘*-50# $,0‘$'$!0‘ 2, !‘ %-$00-‘ 4 4'$$00‹ 6'-%-2'%!‘%'5‘2 *!5‘;0‘ .'70-‘;8‘! 2%!‘%*$, #'$'0+‘6 # !%-5‘;*'!5'-.+‘ 6*#-'$*#0‘%-5‘66'20#+‘-020++%#8‘6 # $,0‘:#0:%#%9 $' -‘%-5‘+0#7'20‘6‘40%!+‘%-5‘1,0#0‘'$‘'+‘6 *-5‘ $,%$‘2,'!5#0-‘%#0‘-$‘:# 6'$'-.‘6# 4‘$,0'# +2, !? 1 #3‘$,# *.,‘1%-$‘6‘6 5‘%-5‘6*-5+‘ $,0# $,%-‘:*;!'2‘%#0‘-$‘%7%'!%;10‘6 # $,0‘:# 7'+' -‘ 6‘6 5‘$,0‘05*2%$' -‘%*$, #'$8‘4%8‘506#%8‘ $,0‘2 +$‘6‘6 5‘ *$‘6‘$,0‘#%$0+‘*:‘$‘% ,%!69 :0-8‘'-‘$,0‘: *-5‘ %-8‘%*$, #'$'0+‘%7%'!05‘ $,04+0!70+‘6‘$,'+‘%2$‘%-5‘40%!+‘%#0‘:# 7'505 6#00‘$‘2,'!5#0-‘1, +0‘, 40‘2'#2*4+$%-20+‘%6$0# '-U*'#8‘1%##%-$‘+*2,‘%2 *#+0‘1,'!0‘$,0#+‘%#0‘ .'70-‘40%!+‘ -‘:%8 40-$‘6‘%+4%!!‘600‘ +‘% .0-0#%!‘#*!0‘20-$0#+‘,%70‘;00-‘0+$%;!'+,05‘6 # $,0‘:#0:%#%$'-‘%-5‘5'+$#';*$'-‘6‘6 5‘%+‘%$ %-2,0+$0# %-5‘#%56 #5‘#‘%+‘'-‘ -5 -‘ %2 -$#%2$‘,%+‘;00-‘!0$‘*$‘2%$0#0#+‘ -‘$,0‘ 0%#!8‘5%8+‘$,0‘40%!+‘10#0‘:# 7'505‘'-‘$,0‘ +2, !# 4+‘%-5‘'-‘4%-8‘2%+0+‘$0%2,0#+‘.%70‘ $,0'# ,0!:‘7 !*-$%#'!8‹ ;*$‘$,'+‘,%+‘;00-‘6 *-5‘ *-+%$'+6%2$ #8‘%-5‘'-‘ %-2,0+$0#‘%-5‘ $,0# :!%20+‘20-$#%!‘! 2%$' -+‘,%70‘;00-‘:# 7'505‘ 6 #‘$,0‘2,'!5#0-‘ -‘ -5 -‘$,0‘:# 7'+' -‘6‘ 40%!+‘+'-20‘>PK)?KP‘'+‘*-50# $,0‘+*:0#7'+' -‘ 6‘%‘ ,'!5#0-[+‘ %#0‘H 0-$#%!F *;? 44'$$00‘ %+‘$,0‘ %-$00-‘ 44'$$00‘*-50# $,0‘ 5*2%9 $' -‘H # 7'+' -‘6‘ 0%!+F 2$‘ *#$,0# ! 2%!‘ 2%#0‘2 44'$$00+‘%#0‘%:: '-$05‘6 # 0%2,‘+2, !‘ 1,'2,‘! 3‘%%$0#‘$,0‘.0-0#%!‘10!!?;0'-.‘6‘$,0‘ 2,'!5#0-‘%+‘10!!‘%+‘$,0‘:# 7'+' -‘6‘40%!+‹ $,0#0‘'+‘%!+‘%‘! 2%!‘++ 2'%$' -‘6‘%#0‘ 49 4'$$00+‘1,'2,‘+0#70+‘$‘2 #5'-%$0‘$,0‘1 #3‘6‘ $,0‘2%#0‘2 44'$$00+‘%-5‘'-‘$'40‘1'!!‘6 #4‘% 7%!*%;!0‘:%#$‘6‘$,0‘4%2,'-0#8‘6 # 50%!'-.‘1'$,‘ 2,'!5#0-‘ -‘>PK)?>PKP‘>OO LOO‘40%!+‘10#0‘ :# 7'505‘'-‘ -5 -‘%$‘OPL‘+2, !+‘$‘JP OJN‘ 2,'!5#0-

0 6 0 # 0 - 2 0 + ' /

% ‘ ‘ ‘ (!(‘8 (6‘+7‘R‘ '0$09 $'2+ C‘>>$,‘05‘ !‘ ‘ H %4;#'5.0‘;P>K F % ‘ ‘%-5‘$ %# ‘ ‘ ‘ (‘ ‘ /‘ (‘5 ‘ ‘ H %+,9 '-.$ -‘>PKO F $ #‘%‘ %‘ 0--8‘ *-2,0 -+‘ ‘ + !(# (‘ (6‘(%-‘>Q‘>P>>‘ ! !!‘ ‘)‘::‘ NN)?NJ> % ‘ ‘ #-%,#*-.‘50+‘ '-50%‘ ‘ ‘8 0(9‘ ‘ E 6‘:;‘M)?QK‘H 0';G'.‘>PKL F # ! % ‘ ‘ ‘ ,#00?20-$‘ *-2,0 -+‘6 # 2, !‘ ,'!5#0-‘ ‘ 0 9‘6(%-‘L‘>P>>‘ !‘W ‘ ‘ ‘ ::‘JM?JL ‘ ‘%‘ $%$0‘ 005'-.‘6‘ 2, !‘ ,'!5#0-‘'-‘ -5 -‘ ‘- ‘ 0 !6>PKP‘ !‘ W ‘ ::‘)ON?)LM - # ‘ ‘ ‘ ‘ !‘ ‘ /‘.(‘ 6‘ ‘ ‘ *#0%*‘6‘ 5*2%$‘ -‘ *!!0$'-‘ ‘ J‘ H %+,9 '-.$ -‘>PKP F %# ‘(+-'C‘ ‘ ‘ 5 ‘ ‘ ‘ ‘ ‘ ‘ ‘ ‘ ‘. ‘ 0:#'-$‘6# 4‘$,0‘K 2 9‘/‘ ‘ ‘ /‘ # (0 0 ‘ H %+,'-.$ -‘>PKL F -5 -‘ *-$8‘ *-2'!‘ " ‘ /‘ ‘C ‘ ‘ ‘ ‘ / ‘ ‘ ‘ . ‘ _ S[=_ SD‘ H -5 -‘>PKL F 1 ‘ (0 (‘ /‘- (0‘ ‘ ‘ $ ‘ . (‘.(‘ H -5 -‘>PK) F " ‘ /‘ ‘ 0(‘ ‘ ‘ %#$‘ ‘ ,0‘ # 7'+' -‘6‘ 0%!+‘6 # 020++'$ *+‘ ,'!5#0-'%-5‘$,0‘ #3‘6‘ ,'!5#0-[+‘ %#0‘ 4 4'$$00+‘H -5 - >P>K F %-2,0+$0#‘ 5 / ‘ 0 ‘" ‘ /‘ ‘ 0(‘ 6‘>PKO?>PKL‘H %-2,0+$0#‘>PKL F % ‘ ‘(‘ ,0‘ '$%!‘]*0+$'-‘6‘2, !‘*-2,0+ ‘ " $‘/‘" $6‘ :#'!‘>P>>‘:: ‘MQQ?MQP‘ ‘ % *‘ ‘ ‘%-5‘+% ! ‘ ‘ 5 ‘ ‘ ‘5 (‘ ‘ . 0 ‘ / ‘ H ,'2%. ‘>)PM F : ‘(‘ ‘8 ‘ !‘/‘ ‘ ‘ H 01‘ #3‘ >PKO F = ‘ ‘ '-0‘ #,0;*-.‘6‘;0# 5'0‘ #-%,#*-.+70#? ,''!$-'++0‘50+‘ !3++2,*!0#‘ ‘ ‘ ‘0 (‘.(0 6‘ (*-''>P>K‘W ‘(%,#.%-.‘O‘ 06$‘::‘JLM?JL)

‘ /‘ ,0‘ #'.'-‘ 6‘$,'+‘.%40‘'+ - $506'-'$0!8‘3- 1-‘ ,0‘ #003+‘%-5‘ 4%-+‘ :!%805‘%.%40‘1,'2,‘2 -+'+$05‘'-‘3'23'-.‘%;!!

%22 #5'-.'$ ' 20#$%'-' #*!0+< ;*$' '$ 1%+' '-' -.9 !%-5' $,%$' 6 $;%!!' 1%+' 5070! :05' ,0#0' %#0' 22%+' -%!' #060#0-20+' $ ' $,0' .%40' '-' -.!'+,' ,'+$ #8' 6# 4' $,0' $10!6$,' $ ' $,0' +070-$00-$,' 20-$*#'0+' 1,0-' '$+' 5070! :40-$' 1%+' 2,02305' $04: #%#'!8' ;8' :: +'$' -' 6# 4' $,0' *#'$%-+' :' $ ' $,%$' $'40' 6 $;%!!' 1%+' %' +'4 :!0' %-5' # *.,' .%40' :!%805' 4 +$!8' ;8' %5*!$' 40-' '-' $ 1-+' %-5' 7'!!%.0+' ,0' .%40' 1%+' #07'705' '-' $,0' 0%#!8' :%#$' 6' $,0' -'-0$00-$,' 20-$*#8' ;8' $,0' ; 8+' '-' $,0' .#0%$' :*;!'2' +2, !+' 6' -.9 !%-5' ,0' ; 8+' %$' *.;8' %## 1' %-5' $ -' %5 :$05' %' #*--'-.' %-5' $%23!'-.' .%40' 1,'2,' %6$0#' %'20-$*#8' 6' 4 5'6'2%$' -' %-5'5070!9 :40-$ 0E'+$+' $?5%8' %+' -.!'+,' *.;8' $9 ;%!!' %-5' 40#'2%-' -$0#2 !!0.'%$0' $;%!!' $' ,%#$0#, *+0' %-5' 0+$4'-+$0#' $,0' ; 8+' %5 :$05' %' 3'23'-.' %-5' R' 5#';;!'-.'S' .%40' 1,'2,' %6$0#' 2 -+'50#%;!0' 4 5'6'2%$' -' 0E'+$+' $?5%8' *-50#' $,0' -%40' 6' ++ 2'%$' -' # 220#' $;%!!' %#' *+' .%40+' 6' 6 $;%!!' 70#8' +'4'!%#' $ ' -.!'+,' *.;8' %-5' + 220#,%70' ;00-' 5070! :05' ,0' ;0+$ 3- 1-' 6' $,0+0' %#0' %-%5'%-' 6 $;%!!' 1,'2,' '+' %' 7%#'%$' -' 6' -.!'+,' *.;8<' %0!'2' %-5' *+$#%!'%-' 6 $9 ;%!!' 1,'2,' %#0' 7%#'%$' -+' 6' -.!'+,' + 220# ,0',' +$ #8' 6' 6 $;%!!' '-' $,0' -'$05' $%$0+' :#0+0-$+' $,#00' 5'+$'-2$' :,%+0+' ,0' 6'#+$:,%+0' 2 70#+' $,0' 0%#!8' 5%8+' 6' 01' -.!%-5' 1,0-' $,0' 40-' -' ,%-3+.'7'-.' %8' %4*+05' $,04+0!70+' .'%3'23'-.'-'-6!%$05' :'.‖;!%550#' %; *$' $,0' ;%23' 8%#5+' 6' $,0'#, *+0+' ,0' +02 -5' :,%+0' 2 70#+' $,0' 80%#+' 6# 4' >)MK' $ ' %; *$' >)OK' 1,0-' $,0' %!0' 6#0+,40-' %-5' +:, 4 #0+',%5' %-'%--*%!' 6 $;%!!' .%40' 1'$,' R' %' # *-5' ;%!!' '-2! +05' '-' %' !0%$,0#' ;%.S' ,0+0' 4%$2,0+' 10#0' 4 #0' !'30' *# 4 50#-' 2!%+' #*+,0+' $,%-' %' #0%!' .%40< ,0#0' 1%+' + ' 4*2,' 6'.,$'-.' %-5' #' $'-.' $,%$' $,0' 6%2*!$8' %; !'+,05' $,0+0' %--*%!' 4%$2,0+' ,0' !%+$' :,%+0' ;0.'-+'%; *$' >)LK' 1,0-' #' ' ' 2,%6' 6 #40#!8' 6' *.;8' 2, !' 0-$0#05' %!0' !!0.0' 1,0#0' ,0' '-$# 5*205' $,0' .%40' 6' -.!'+,' *.;8' 6 $;%!!' $,0# 2 !!0.0+' $ 3' *:' $,0' .%40' %-5' '-' 2$;0#' >)LJ' %' 2 -70-9 $' -' 1%+',0!5' %$' 01' #3' ;0$100-' !*4;'% #'-20$ -' *$.0#+' %-5' %!0' %-5' %+0$' 6' #*!0+' 1%+' %5 :$05' ,0' -.!'+,' %-5' %-%5'%-' 6#4+' 6' $,0' .%40' 10#0' '-$# 5*205' '-' 4%-8' 2 !!0.0+';*$' '-' %' 601' 80%#+' %' 5'+$'-2$!8' 40#'9 2%-' .%40' 6' 6 $;%!!' 1%+' 07 !705' ,0' 2,'06 2,%#%2$0#'+$'2+' 6' $,0' 40#'2%-' .%40' %#0' 6'#+$' $,0' -*4;0#' 6' :!%80#+' '+' #05*205' 6# 4' 6'6$00-'$'0!070-< +02 -5'0%2,': !%80#' '+' %++'.-05' %' :%#$'2*!%#' : +'$' -' 1'$,' 506'-'$0' 5*$'0+' '-' 660-+0' %-5' 5060-+0< $,'#5' #*--'-.' 1'$,' $,0' ;%!!' '-$0#60#0-20' 6 # $,0' #*--0#' $%23!'-.' %-5' 3'23'-.'2 -+$'$*$0' $,0' 4%'-' : '-$+' '-' $,0' .%40 '-20' >)LJ' 1,0-' 6 $;%!!' 1%+' '-$# 5*205' '-' 40#'2%-' 2 !!0.0+' '$',%+' ;00-' $,0' 4 +$: :*!%# +: #$' %4 -.' +$*50-$+' %-5' 4%$2,' .%40+' '-' $,'+' +: #$' ,%70' %$$#%2$05' !%#.0# %$9 $0-5%-20+' $,%-' 2 -$0+$+' '-' $,0# +: #$+' -' 40#'2%-' 2 !!0.0+' $,0' :# 6'$+'6# 4' .%$0' #020' :$+' '-' 6 $;%!!' %#0' +*66'2'0-$' $ ' :%8' $,0' 506'2'$+' 6 $0-' #' 6'6$00-' $,0# +: #$+' ,0' 6 !! 1'-.' 6'-%-2'%!' #0: #$' 6' $,0' %#7%#5' $,!0$'2' ++ 9 2'%$' -'+'$8:'2%!' 6'$,0'+'$*%$' -''-' 4 +$' 40#'9 2%-' 2 !!0.0+' 0E20:$' $,%$' %!!' $,0' 6'.*#0+' %#0' :# : #$' -%!!8' !%#.0#

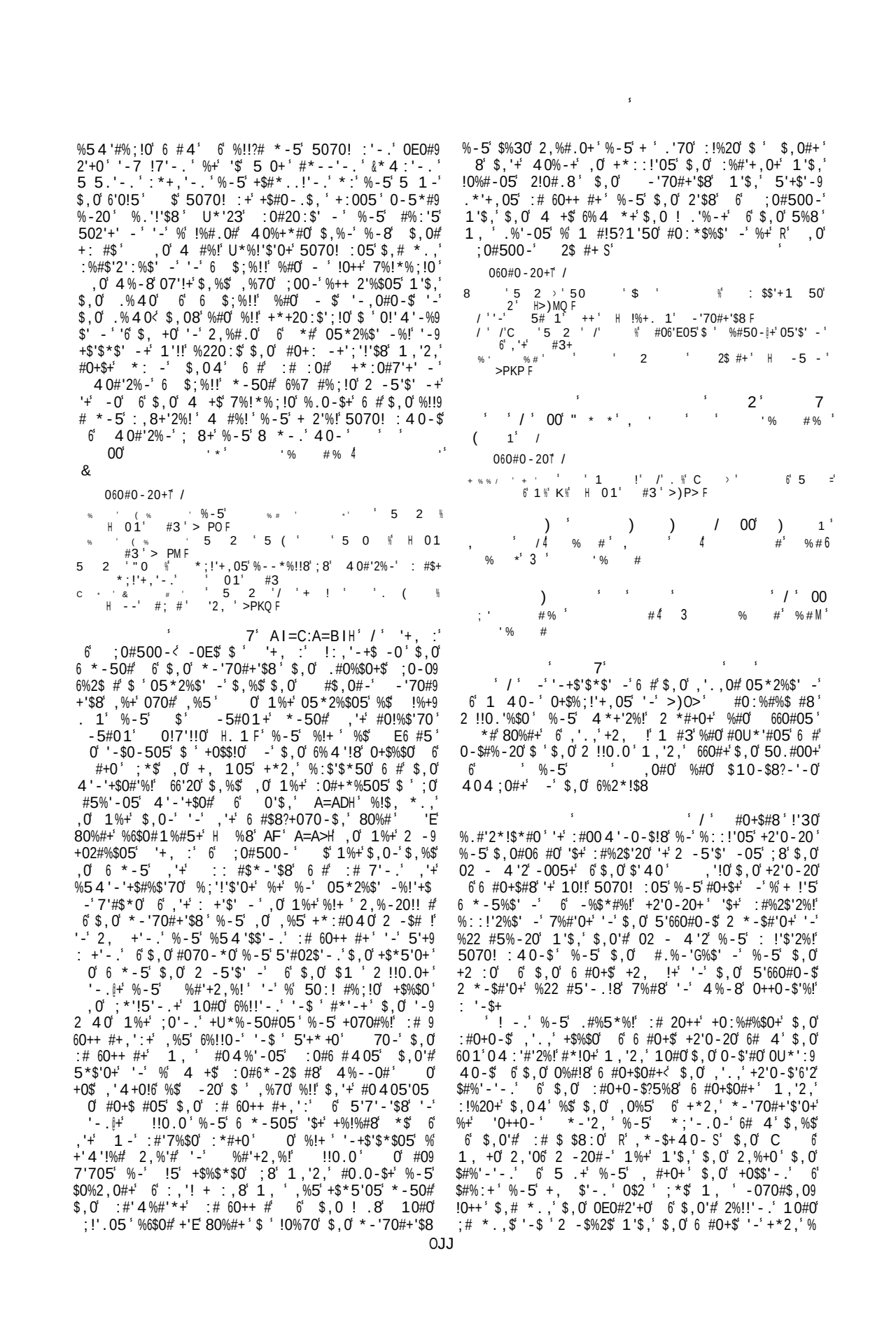
& # % # ' % ' ' / ' C % ' Q @ Q

020':$+'6# 4' %#+'$8'6 $;%!!' ' ^)) J)L M)
E:0-+0+'6 #' %#+'$8'6 $;%!!' J> KL))>'
6'$+'6# 4' %#+'$8'6 $;%!!' QL JK) OL
E:0-+0+'6 #'NM' $,0#'%$,!0$'2'$0%4+' Q) P)>)>'
020':$+'6# 4'$,0+0'%$,!0$'2'$0%4+' MK J)O LQ'
06'2'$'6# 4'$,0+0' $,0#'$0%4+' >) QPQ KO

,'+ 1 -50#6*!' : :*!%#'$8' 6' 6 $;%!!' ,%+' ;00-' %2,'0705' '-'+':'$0' 6' ;'$$0#'%-5' :0#+'+$0-$: : +'$' -' ; *$'$0-'80%#+'%6$0#'$,0'-$# 5*29 $' -' 6'$,0'.%40'-' 40#'2%-'2 !!0.0+' #0+'50-$!' $' 6' %#7%#5'-'-',+'%--*%!' #0: #$' $' $,0' 70#+00#+' 6 #' >))M?>))Q' +%8+' '-' +*;+$%-20!' R' -'$,0'6%!!' 6' >))J'$,0'2 4 4'$$00' -'%$,!0$'2' +: #$+' 502'505',$,%$' 6 $;%!!' *.,$' -$' $' ;0' :!%805' ;*$' %+' $,0' -$0#2 !!0.'%$0' $;%!!' ++ 2'%$' -' 1%+' $' #06 #4' $,0' .%40' ;8' 70#8' +$#'-.0-$ #*!0+' $,08' 1%'$05' *-$'!' $,08' ,%5' +00-' $,0' #*!0+' *-50#' $,0' -01' .%40' 6$0#' %$$0-5'-.' 6 *#' 6' $,0' :#'-2':%!' .%40+' $,08' #0: #$05' $' $,0' %#7%#5' 6%2*!$8' $,%$' !' %6$0#' 50!';0#%$0'-70+$'.%$' -' $,08' ,%5' ;02 40'2 -9 7'-205' $,%$' $,0' .%40' 6' 6 $;%!!' %+' %$' :#0+0-$:!%805' ;8' 2 !!0.0' $0%4+' '+' ;#*$%!' 504 #%!'G9 '-.'$:!%80#+' %-5' $' +:02$%$ #+' %-5' 0E$#040!8' 5%-.0#' *+S' ,0' 6%2*!$8' %22 #5'-.!8' :# 9 ,';'$05' '-$0#2 !!0.'%$0' 2 -$0+$+' '-' 6 $;%!!' 6 #' >))Q' ,0' .%40' 1%+' + -'#0+$ #05'%$' %#7%#5' %-5' 2 -$'-*05'$' .# 1''-'6%7 #''-' 2 !!0.0+' %-5' +2, !+' %!!' 70#' $,0' 2 *-$#8' ,0' 2#'$'2+' 6' $,0' .%40' 10#0' -070#' +'!0-$< $,08' %57 2%$05' #06 #4' #' :# ,';'$' -' 6' 6 $;%!!' '-' 2 !!0.0' 6%2*!$'0+' $0%2,0#+' 400$'-.+' -01+:%:0#+' %-5' 4%.%G'-0+' ,'+' 2 -5'$' -' 6' %66%'#+' 2 -$'-9 *05' 6 #' $10-$8' 80%#+' *#'-.' $,%$' $'40' 6 $;%!!' .%'-05'0- #4 *+!8''-': :*!%#'$8' 1'$,' +$*50-$+' %+' 10!!' %+' $,0' .0-0#%!' :*;!'2<;*$'$,'+' :'*!%#'$8'!05'$' $,0' :!%2'-.' 6' *-5*0'04:,%+'+' *:-' 7'2$ #8' %-5' $,0' '- #5'-%$0' 50+'#0' 6 #' 7'2$ #8''-'$*#-' ;# *.,$' 6 #$,' 4%-8'07'!+'+*2,' %+' ;#*$%!'$8' '-' :!%8' 5020'$' $#'230#8' 0E$#%7%9 .%-$' 0E:0-5'$*#0+' 0$2

,0' +0%+ -' 6' >PKQ' 4%#3+' %- $,0#' 0: 2,' '-' $,0' ,'+$ #8' 6' 40#'2%-'6 $;%!!' 070#%!' '-6!*0-$'%!' -01+:%:0#+',%5' 2%##'05' -' %;'$$0#' 2%4:%'.-'%.%'-+$' $,0' .%40<' #0+'50-$' !' $' 6' %#7%#5',%5' 20-+*#05' $,0' .%40' '-' 0%2,' 6' ,'+%--*%!' #0: #$+'6 #'%-*4;0#' 6' 80%#+<' #0+'9 50-$' *$!0#',%5':# ,';'$05''-$0#2 !!0.'%$0'6 $9 ;%!!' %$' !*4;'%' -'70#+'$8' %6$0#' $,0' +0%+ -' 6' >PKQ< +070#%!' 4'- #2 !!0.0+' %-5' 4%-8'+02 -59 %#8'+2, !+',%5'6 !! 105',0'0E%4:!0' 6' !*49 ;'%< %-5' %+$*50-$' 6' -' -' !!0.0',%5';00-' 3'!!05''-' %' 6 $;%!!' 4%$2,' 1'$,' 01' #3' -'70#+'$8' *;!'2' :'-' -' 1%+' %# *+05' %-5' #0:#0+0-$%$'70+' 6# 4' 4%-8' 2 !!0.0+' 40$' $' 5'+2*+'+',0'6 $;%!!'+'$*%$' -'%-5'$%30' 40%+*#0+' $' #06 #4' #'%;!'+',0' .%40' ,0' 5'+2*+9 +' -+' -' #070%!05',0' 6%2$' $,%$' $,0' .#0%$

4%& #'$8 6 50!0.%$0+ ;0!'0705 '- #06 #4'-. 6 $;%!! %-5 10#0 : : +05 $ %-8 :# : +'$' - $: :# ,';'$ $,0 .%40 ,0 50!0.%$0+ #.%-9 'G05 $,0 -$0#2 !!0.'%$0 $,!0$'2 ++ 2'%$' - 6 $,0 -'$05 $%$0+ H+00 '*' '%6 #% 5 1,'2,.%'-05$,02 -6'50-20 6 05*2%9 $' -%! %54'-'+$#%$ #+ %-5 :# 200505 $ #06 #4 $,0 #*!0+ . 70#-'-. $,0 .%40 6 6 $;%!! $: :# 7'50 2 4 :0$0-$ #06O#00+ %-5 *4:'#0+ 6 # 4%$2,.%40+ %-5 $ 2%##8 -%.'-6 05*2%$' - 6 #%2!0%- 1,!0+ 40 .%40 ,0 #0+*!$+ ;$%'-05 10#0 +*2, $,%$ -0%#!8 %!! 2 !!0.0+ %-5 +2, !+ 1,'2, ,%5 %; !'+,05 6 $;%!! %$ $,0 0-5 6 $,0 +0%+ - 6 >PK0 #0'-+$%$05 $,0 .%40 '- >PKO %-5 $,0 504%-5+ 6 # '-+$'$*$' -%! %-5 +$%$0 !0.'+!%$' - %.%'-+$ 6 $;%!! 10#0 - ! -.0# ,0%#5 ,0 +0%+ - 6 >PKP 1%+ 4%##05 ;8 %- *-*+*%! -*4;0# 6 6%$%!8 %22'50-$+ ,0 :# ,';'$' - 6 6 $;%!! ;02%40 %.%'-' % !'70 U*0+$' -< ;*$ %.%'-$,0 -$0#2 !!0.'%$0 $,!0$'2 ++ 2'%9 $' -*+2200505 '-#0+$ #'-.2 -6'50-20 '-6 $9 ;%!! ;8 4%3'-.%-0%#-0+$ 066 #$ $ 4 5'68 $,0 #*!0+ 6 $,0 .%40 '-% 1%8 $ 0!'4'-%$0 %+ 6%# %+ : ++';!0 $,0 5%-.0# 6 :,8+'2%!'-&*#8 $ $,0 :!%80#+ ,0 4%'-2,%-.0 4%50 1%+$ 4 5'68 4%++ :!%8+''1,'2,$,0 10'.,$%-5 4 40-$*4 6 +070#%! :!%80#+ '+ 5'#02$05 %.%'-+$ -0 # $1 :!%80#+ %-5 $ 0-2 *#%.0 %- :0-.%40 1'$,4 #0 #*--'-.%-5 3'23'-. ,0 +0%+ - 6 >P>K +, 105 $,%$ $,0 #06 #4+ %'405 %$;8 $,0-01'#*!0+ 10#0 '-% !%#.0 40%+*#0 +*220++6 ! ,0 -*4;0# 6 +0#' *+ %22'50-$+ ,%2 .#0%$!8 502#0%+05 %-5 $,0 .%40 '+ 4 #0 '-$0#0+$'-. $ $,0 :!%80#+ %-5 +:02$%$ #+ -50# $,0 :#0+0-$#*!0+$,0 .%40 6 6 $;%!! '+ :!%805 -% 6'0!5 JJK 600$! -.%-5 >OK 600$ 1'50 ,0 6'0!5 '+ '-2! +05 ;8 % 1,'$0 ; #50# !'-0 %-5 1,0-070# $,0 ;%!!. 0+ *$+'50 6 $,'+ ; *-5%#8 $,0 :!%8 20%+0+ *-$'!' '$' +' #0$*#-05 '-$ $,0 '-2! +*#0 ,0#0 %#0 %!+ $#%-+70#+0 !'-0+ $ %++'+$ $,0 66'2'%!+ '- 40%+*#'-. $,0 4 7040-$+ 6 $,0 ;%!! ,0#0 '+ % . %! %$ $,0 4'55!0 6 $,0 !'-0 %$ 0%2,'0-5 6 $,0 6'0!5< '$ 2 -+'+$+ 6 $1 *:#'.,$: +$+ 0E2005'-.$10-$8 600$ '- ,0'.,$ %-5 :!%205 0'.,$00- 600$ +'E '-2,0+%:%#$ 1'$,% 2# ++;%# $0- 600$ 6# 4 $,0 .# *-5 ,0 ;%!! '+%-' '-6!%$05 #*;,0# ;!%550# '-2! +05 1'$,'-%-' 7%! 2 70# 6 :'.+3'- ,0 .%40 '+ :!%805 ;8 $1 $0%4+ 6 0!070- 40- 0%2, %2, $0%4'+ 4%50 *: 6 % #*+,'!'-0 6 +070- :!%80#+ / %20-$0# $1 .*%#5+ $1 $%23!0+ %-5 $1 0-5+ / %-5 6 *# ;%23+ % U*%#$0#?;%23 $1 ,%!6?;%23+ %-5 % 6*!!?;%23 ,0 ;&02$ '- $,0 .%40 '+ $ %57%-20 $,0 ;%!! 6# 4 $,0 20-$0# 6 $,0 6'0!5 1,0#0 '$'+ :*$ '- :!%8 *-$'! '$ 2%- ;0 $ *2,05 $ $,0 .# *-5 ;08 -5 $,0 ; *-5%#8 !'-0 %$ $,0 0-5 6 $,0 6'0!5 ,'+ '+ 2%!!05 % R $ *2,?5 1-S %-5 2 *-$+ 6'70 :'-$+ 6$0# % $ *2,?5 1-,%+ ;00- +2 #05 $,0 $0%4 4%3'-.'$,%+ $,0 :#'7'!0.0 6 $#8'-.% 3'23 6# 4 :!%2040-$ 6# 4 %-8 :'-$ -% !'-0 %$ #'.,$ %-.!0+ $ $,0 . %! !'-0 1,0#0 $,0 $ *2,?5 1-1%+ 4%50 6 $,0 ;%!! '+ 3'2305 70# $,02# ++;%# %-5 ;0$100-$,0 . %! : +$+ #$,0'# :# &02$'- '$ 2 *-$+ -0 : '-$ 4 #0 . %! 4%8 ;0 3'2305 ;8 % $0%4 '- : ++0++' - $: :# ,';'$ $,0 .%40 ,0 50!0.%$0+ #.%-9 'G05 $,0 -$0#2 !!0.'%$0 $,!0$'2 ++ 2'%$' - 6 $,0 -'$05 $%$0+ H+00 '*' '%6 #% 5 1,'2,.%'-05$,02 -6'50-20 6 05*2%9 $' -%! %54'-'+$#%$ #+ %-5 :# 200505 $ #06 #4 $,0 #*!0+ . 70#-'-. $,0 .%40 6 6 $;%!! $: :# 7'50 2 4 :0$0-$ #06O#00+ %-5 *4:'#0+ 6 # 4%$2,.%40+ %-5 $ 2%##8 -%.'-6 05*2%$' - 6 #%2!0%- 1,!0+ 40 .%40 ,0 #0+*!$+ ;$%'-05 10#0 +*2, $,%$ -0%#!8 %!! 2 !!0.0+ %-5 +2, !+ 1,'2, ,%5 %; !'+,05 6 $;%!! %$ $,0 0-5 6 $,0 +0%+ - 6 >PKP 1%+ 4%##05 ;8 %- *-*+*%! -*4;0# 6 6%$%!8 %22'50-$+ ,0 :# ,';'$' - 6 6 $;%!! ;02%40 %.%'-' % !'70 U*0+$' -< ;*$ %.%'-$,0 -$0#2 !!0.'%$0 $,!0$'2 ++ 2'%9 $' -*+2200505 '-#0+$ #'-.2 -6'50-20 '-6 $9 ;%!! ;8 4%3'-.%-0%#-0+$ 066 #$ $ 4 5'68 $,0 #*!0+ 6 $,0 .%40 '-% 1%8 $ 0!'4'-%$0 %+ 6%# %+ : ++';!0 $,0 5%-.0# 6 :,8+'2%!'-&*#8 $ $,0 :!%80#+ ,0 4%'-2,%-.0 4%50 1%+$ 4 5'68 4%++ :!%8+''1,'2,$,0 10'.,$%-5 4 40-$*4 6 +070#%! :!%80#+ '+ 5'#02$05 %.%'-+$ -0 # $1 :!%80#+ %-5 $ 0-2 *#%.0 %-:0-.%40 1'$,4 #0 #*--'-.%-5 3'23'-. ,0 +0%+ - 6 >PK 105 $,%$ $,0 #06 #4+ %'405 %$;8 $,0-01'#*!0+ 10#0 '-% !%#.0 40%+*#0 +*220++6 ! ,0 -*4;0# 6 +0#' *+ %22'50-$+ ,%2 .#0%$!8 502#0%+05 %-5 $,0 .%40 '+ 4 #0 '-$0#0+$'-. $ $,0 :!%80#+ %-5 +:02$%$ #+ -50# $,0 :#0+0-$#*!0+$,0 .%40 6 6 $;%!! '+ :!%805 -% 6'0!5 JJK 600$! -.%-5 >OK 600$ 1'50 ,0 6'0!5 '+ '-2! +05 ;8 % 1,'$0 ; #50# !'-0 %-5 1,0-070# $,0 ;%!!. 0+ *$+'50 6 $,'+ ; *-5%#8 $,0 :!%8 20%+0+ *-$'!' '$' +' #0$*#-05 '-$ $,0 '-2! +*#0 ,0#0 %#0 %!+ $#%-+70#+0 !'-0+ $ %++'+$ $,0 66'2'%!+ '- 40%+*#'-. $,0 4 7040-$+ 6 $,0 ;%!! ,0#0 '+ % . %! %$ $,0 4'55!0 6 $,0 !'-0 %$ 0%2,'0-5 6 $,0 6'0!5< '$ 2 -+'+$+ 6 $1 *:#'.,$: +$+ 0E2005'-.$10-$8 600$ '- ,0'.,$ %-5 :!%205 0'.,$00- 600$ +'E '-2,0+%:%#$ 1'$,% 2# ++;%# $0- 600$ 6# 4 $,0 .# *-5 ,0 ;%!! '+%-' '-6!%$05 #*;,0# ;!%550# '-2! +05 1'$,'-%-' 7%! 2 70# 6 :'.+3'- ,0 .%40 '+ :!%805 ;8 $1 $0%4+ 6 0!070- 40- 0%2, %2, $0%4'+ 4%50 *: 6 % #*+,'!'-0 6 +070- :!%80#+ / %20-$0# $1 .*%#5+ $1 $%23!0+ %-5 $1 0-5+ / %-5 6 *# ;%23+ % U*%#$0#?;%23 $1 ,%!6?;%23+ %-5 % 6*!!?;%23 ,0 ;&02$ '- $,0 .%40 '+ $ %57%-20 $,0 ;%!! 6# 4 $,0 20-$0# 6 $,0 6'0!5 1,0#0 '$'+ :*$ '- :!%8 *-$'! '$ 2%- ;0 $ *2,05 $ $,0 .# *-5 ;08 -5 $,0 ; *-5%#8 !'-0 %$ $,0 0-5 6 $,0 6'0!5 ,'+ '+ 2%!!05 % R $ *2,?5 1-S %-5 2 *-$+ 6'70 :'-$+ 6$0# % $ *2,?5 1-,%+ ;00- +2 #05 $,0 $0%4 4%3'-.'$,%+ $,0 :#'7'!0.0 6 $#8'-.% 3'23 6# 4 :!%2040-$ 6# 4 %-8 :'-$ -% !'-0 %$ #'.,$ %-.!0+ $ $,0 . %! !'-0 1,0#0 $,0 $ *2,?5 1-1%+ 4%50 6 $,0 ;%!! '+ 3'2305 70# $,02# ++;%# %-5 ;0$100-$,0 . %! : +$+ #$,0'# :# &02$'- '$ 2 *-$+ -0 : '-$ 4 #0 . %! 4%8 ;0 3'2305 ;8 % $0%4 '- : ++0++' - $: :# ,';'$ $,0 .%40 ,0 50!0.%$0+ #.%-9 'G05 $,0 -$0#2 !!0.'%$0 $,!0$'2 ++ 2'%$' - 6 $,0 -'$05 $%$0+ H+00 '*' '%6 #% 5 1,'2,.%'-05$,02 -6'50-20 6 05*2%9 $' -%! %54'-'+$#%$ #+ %-5 :# 200505 $ #06 #4 $,0 #*!0+ . 70#-'-. $,0 .%40 6 6 $;%!! $: :# 7'50 2 4 :0$0-$ #06O#00+ %-5 *4:'#0+ 6 # 4%$2,.%40+ %-5 $ 2%##8 -%.'-6 05*2%$' - 6 #%2!0%- 1,!0+ 40 .%40 ,0 #0+*!$+ ;$%'-05 10#0 +*2, $,%$ -0%#!8 %!! 2 !!0.0+ %-5 +2, !+ 1,'2, ,%5 %; !'+,05 6 $;%!! %$ $,0 0-5 6 $,0 +0%+ - 6 >PKP 1%+ 4%##05 ;8 %- *-*+*%! -*4;0# 6 6%$%!8 %22'50-$+ ,0 :# ,';'$' - 6 6 $;%!! ;02%40 %.%'-' % !'70 U*0+$' -< ;*$ %.%'-$,0 -$0#2 !!0.'%$0 $,!0$'2 ++ 2'%9 $' -*+2200505 '-#0+$ #'-.2 -6'50-20 '-6 $9 ;%!! ;8 4%3'-.%-0%#-0+$ 066 #$ $ 4 5'68 $,0 #*!0+ 6 $,0 .%40 '-% 1%8 $ 0!'4'-%$0 %+ 6%# %+ : ++';!0 $,0 5%-.0# 6 :,8+'2%!'-&*#8 $ $,0 :!%80#+ ,0 4%'-2,%-.0 4%50 1%+$ 4 5'68 4%++ :!%8+''1,'2,$,0 10'.,$%-5 4 40-$*4 6 +070#%! :!%80#+ '+ 5'#02$05 %.%'-+$ -0 # $1 :!%80#+ %-5 $ 0-2 *#%.0 %-:0-.%40 1'$,4 #0 #*--'-.%-5 3'23'-. ,0 +0%+ - 6 >P>K +,



1%8ʻ %+ʻ $ ʻ ' -$0#0+$ʻ $,04ʻ '-ʻ '$+ʻ 2%#0ʻ %-5ʻ :#0+0#9 7%$' -

,0ʻ :# .#0+ʻ 6ʻ6 #0+$#8ʻ %-5ʻ6 #0+$ʻ05*2%$' -ʻ ,%+ʻ ;00-ʻ 5'2$%$05ʻ ;8ʻ $,0ʻ -005+ʻ 6ʻ $,0ʻ $'40ʻ + ʻ ! -.ʻ %+ʻ $,0#0ʻ 1%+ʻ %-ʻ %;*-5%-20ʻ 6ʻ 6 #0+$ʻ !%-5ʻ $'4 ;0# 1%+ʻ ,%#5!8ʻ #02 .-'G05ʻ %+ʻ ;0'-.ʻ 6ʻ +*66'2'0-$7%!*0ʻ $ ʻ ;0ʻ 1 #$,ʻ2!%'4'-.'%+ʻ :0#+ -%!ʻ :# :0#$8ʻ ,0#0ʻ 1%+ʻ - ʻ -005ʻ %$ʻ $,%$ʻ $'40ʻ6 # :#0+0#7'-.ʻ $,0ʻ 6 #0+$ʻ # :# ,';'$'-.ʻ 2*$$'-.ʻ -ʻ $,0ʻ 2 -$#%#8ʻ $,0ʻ :#0+0-20ʻ 6ʻ $,0ʻ 6 #0+$ʻ '-ʻ 4%-8ʻ 2%+0+ʻ 1%+ʻ %ʻ ,'-5#%-20ʻ $ʻ $,0ʻ 5070! :940-$ʻ 6ʻ %.#'2*!$*#0ʻ %-5ʻ $,0#06 #0ʻ 1-0#+ʻ 6ʻ 1 5!%-5+ʻ 0-2 *#%.05ʻ $,0ʻ 2!0%#'-.ʻ 6ʻ $,0ʻ !%-5ʻ ;8ʻ %-8ʻ -0ʻ 1, ʻ 50+'#05ʻ $ʻ +0$$!0ʻ -ʻ '$ʻ ,'+ʻ '+ʻ 2,%#%2$0#'+$'2ʻ 6ʻ $,0ʻ 0%#!8ʻ ,'+$ #8ʻ 6ʻ :#%2$'2%!!8ʻ 070#8ʻ -%$' -ʻ %-5ʻ '+ʻ +$'!!ʻ $%3'-.ʻ :!%20ʻ '-ʻ $,0ʻ -01!8ʻ +0$$!05ʻ 2 *-$#'0+ʻ $ʻ +*2,ʻ % :0#' 5ʻ $,0ʻ #0$*#-+ʻ 6# 4ʻ,*-$'-.'%-5ʻ $#%:: '-.ʻ ,%5ʻ % .#0%$0# 7%!*0ʻ $,%-ʻ $, +0ʻ 6# 4ʻ $,0ʻ $'4 ;0# '$+0!6ʻ #%5*%!!8ʻ %+ʻ $,0ʻ 2 *-$#'0+ʻ 6ʻ $,0ʻ !5ʻ #!5ʻ ;02%40ʻ 4 #0ʻ 50-+0!8ʻ : :*9 !%$05ʻ %-5ʻ $,0ʻ 6 #0+$+ʻ ;0.%-ʻ $ʻ +, 1ʻ +'.-+ʻ 6ʻ 0E,%*+$' -ʻ $,0#0ʻ %# +0ʻ % -005ʻ 6 # $,0ʻ 2%#0ʻ 6ʻ $,0ʻ 1 5!%-5+ʻ 6 # $,0ʻ $'4 ;0# $,08ʻ :# 5*205ʻ %-5ʻ 1'$,ʻ $,%$ʻ % 504%-5ʻ 6 # 40-ʻ 2%:%;!0ʻ 6ʻ ,%-5!-.ʻ $,04ʻ $ʻ 6'#+$ʻ $,'+ʻ '-2#0%+0ʻ '-ʻ 7%!*0ʻ 6ʻ $,0ʻ 6 #0+$+ʻ +, 105ʻ '$+0!6ʻ '-ʻ %ʻ +$#'2$0# !0.%!ʻ 506'-'$' -ʻ 6ʻ $,0ʻ :# :0#$8ʻ #'.,$+ʻ 6ʻ 6 #0+$ʻ 1-0#+ʻ '-ʻ #0+$#'2$' -ʻ 6ʻ 6 #0+$ʻ *+0ʻ %-5ʻ :# 9 02' -ʻ %.%'-+$ʻ 6'#0ʻ %-5ʻ .#%G'-.ʻ -ʻ 4'55!0ʻ *# :0ʻ $,'+ʻ +$%.0ʻ 1%+ʻ :%++05ʻ 0%#!8ʻ '-ʻ $,0ʻ 0'.,$00-$,' 20-$*#8ʻ 1,0-ʻ $,0ʻ *-$+40-▯≠ *'!5+ʻ '-$ʻ 1,'2,ʻ 0%#!8ʻ6 #0+$0#+ʻ 10#0ʻ #.%-9 'G05ʻ 10#0ʻ .#%5*%!!8ʻ2 4:0!!05ʻ$ʻ.'70ʻ:!%20ʻ$ʻ $,0ʻ $#*0ʻ 6 #0+$0#+ʻ ;0$$0#ʻ 0U*':05ʻ $ʻ 400$ $,0ʻ6 #0+$ʻ :# ;!04+ʻ 6ʻ $,%$ʻ 5%8ʻ '$,ʻ 02 9 - 4'2ʻ %-5ʻ '-5*+$#'%!ʻ 5070! :40-$ʻ 1'$,ʻ '-9 2#0%+05ʻ 504%-5ʻ 6 # 1 5ʻ 22%+' -05ʻ ;8ʻ % 4*!$':!'2'$8ʻ 6ʻ*+0+ʻ $,# *., *$ʻ $,0ʻ 1 #!5ʻ $,0ʻ 7%!*0ʻ 6ʻ6 #0+$+ʻ 2 -+$%-$!8'-2#0%+0+ʻ%-5ʻ $,0#0ʻ .#%5*%!!8ʻ%#'+0+ʻ $,0ʻ -005ʻ - $ʻ -!8ʻ6 #ʻ :# $02$9 '-.ʻ $,0ʻ 6 #0+$ʻ ;*$ʻ %!+ʻ 6 #ʻ +02*#'-.ʻ '$+ʻ #09 .# 1$,ʻ 0'$,0#ʻ ;8ʻ -%$*#%!ʻ #0:# 5*2$'-ʻ #ʻ ;8ʻ :!%-$'-.ʻ ,0ʻ +2'0-20ʻ 6ʻ6 #0+$#8ʻ %-5ʻ6 #0+$ʻ 05*2%$' -ʻ ,%5ʻ -020++%#'!8ʻ $ʻ 300:ʻ :%20ʻ 1'$,ʻ $,'+ʻ 02 - 4'2ʻ 5070! :40-$ʻ %-5ʻ $,0ʻ 504%-5ʻ 6 # 1 5ʻ !05ʻ '-07'$%;!8ʻ $ʻ $,0ʻ 5070! :40-$ʻ 6ʻ +2, !+ʻ 6 # $,0ʻ $#%'-'-.ʻ 6ʻ2 4:0$0-$ʻ 1 5+9 40-ʻ -ʻ 4 +$ʻ 6ʻ$,0ʻ *# :0%-'2 *-$#'0+ʻ $,0ʻ 6 #0+$+ʻ %#0ʻ 4%-%.05ʻ -ʻ$,0ʻ ;%+'+ʻ 6ʻ%:0#:0$*%!ʻ +*+$%'-05ʻ 8'0!5ʻ 1,'2,ʻ #0U*'#0+ʻ $,0ʻ +0#7'20+ʻ 6ʻ %-ʻ #.%-'G05ʻ $02,-'2%!ʻ 6 #20ʻ ,*+ʻ $,0ʻ $#%'-9 '-.ʻ #0U*'#05ʻ 6ʻ6 #0+$0#+ʻ '+ʻ -ʻ%:%#ʻ 1'$,ʻ$,%$ʻ #0U*'#05ʻ 6ʻ:,8+'2'%-+ʻ 0-.'-00#+ʻ %-5ʻ !%180#+ʻ %-5ʻ $,0#0ʻ '+ʻ - 1ʻ +2%#20!8ʻ % 2 *-$#8ʻ '-ʻ $,0ʻ 1 #!5ʻ 1,'2,ʻ ,%+ʻ - $ + 40ʻ 3'-5ʻ 6ʻ % 6 #0+$ʻ +2, !

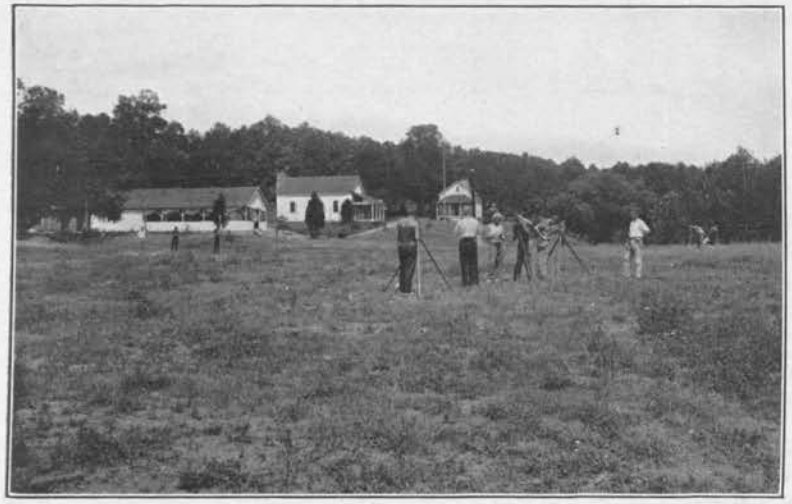
,0ʻ ;0+$ʻ %-5ʻ 4 +$ʻ $, # *.,ʻ #.%-'G%$' -ʻ 6ʻ 6 #0+$ʻ 05*2%$' -ʻ '+ʻ $ʻ ;0ʻ 6 *-5ʻ '-ʻ 0#4%-8ʻ%-5ʻ '$+ʻ -0%#0#ʻ -0'.,;#+ʻ ,0ʻ 50-+'$8ʻ 6ʻ : :9 *!%$' -ʻ %-5ʻ $,0ʻ 2 4:%#%$'70ʻ 5'66'2*!$8ʻ 6ʻ +02*#'-.ʻ1 5ʻ+*:::!'0+ʻ %;# %5ʻ6 #205ʻ$,0ʻ 0#9 4%-+ʻ $ʻ '-$0-+'70ʻ *+0ʻ 6ʻ$,0ʻ + '!ʻ%-5ʻ$ʻ 2%#0ʻ 6 #ʻ$,0ʻ6 #0+$ʻ!%-5+ʻ 0-20ʻ$,0#0ʻ%# +0ʻ '-ʻ$,%$ʻ 2 *-$#8ʻ 0%#!'0#ʻ $,%-ʻ %-81,0#0ʻ 0!+0ʻ $,0ʻ -005 6 # 2 4:0$0-$ʻ 40-ʻ$ʻ,%-5!0ʻ6 #0+$ʻ:# :0#$'0+ʻ #0+$ʻ 05*2%$' -ʻ %+ʻ 2 -5*2$05ʻ '-ʻ 0#4%-8ʻ '+ʻ 6ʻ'-$0#0+$ʻ$,0#06 #0ʻ- $ʻ -!8ʻ;02%*+0ʻ'$ʻ,%+ʻ $,0#0ʻ #0%2,05ʻ '$+ʻ ,'.,0+$ʻ 5070! :40-$ʻ ;*$;02%*+0ʻ 0#4%-8ʻ,%+ʻ .-0ʻ$,# *.,ʻ%!ʻ:,%+0+ʻ 6ʻ 5070! :40-$ʻ 1,'2,ʻ $,0#ʻ2 *-$#'0+ʻ %!#0%58ʻ ,%70ʻ:%++05ʻ # 1'!ʻ:%++ʻ%-5ʻ%!+ʻ ʻ;02%*+0ʻ 0#9 4%-8ʻ,%+ʻ !05ʻ$,0ʻ 1%8ʻ6 # 4 +$ʻ2 *-$#'0+ʻ '-ʻ $,0ʻ:#%2$'20ʻ 6ʻ6 #0+$#8ʻ%-5ʻ'-ʻ$,0ʻ$#%'-'-.ʻ 6ʻ 6 #0+$0#+

0#4%-8ʻ/ʻ ,0ʻ ;0.'--'-.ʻ 6ʻ6 #0+$ʻ 05*9 2%$' -ʻ'-ʻ 0#4%-8ʻ5%$0+ʻ;%23ʻ$ʻ $,0ʻ2! +0ʻ 6ʻ $,0ʻ0'.,$00-$,ʻ20-$*#8ʻ1,0-ʻ% -*4;0# 6ʻ+ ?ʻ 2%!!05ʻ R ʻ4%+$0# +2, !+ʻ S ʻ2%40ʻ'-$ʻ0E'+$0-20ʻ -$'!ʻ $,0ʻ 4'55!0ʻ 6ʻ $,0ʻ 0'.,$00-$,ʻ 20-$*#8ʻ $,0ʻ2%#0ʻ 6ʻ6 #0+$+ʻ 1%+ʻ'-ʻ$,0ʻ,%-5+ʻ 6ʻ,*-$+9 40-ʻ1, ʻ%+ʻ% #*!0ʻ 10#0ʻ'!!'$0#%$0ʻ%-5ʻ%4 -.ʻ 1, 4ʻ 10#0ʻ $, +0ʻ 1, ʻ ,%5ʻ 0E$0-505ʻ $,0'# 3- 1!05.0ʻ$,# *.,ʻ 0E:0#'0-20ʻ;08 -5ʻ$,%$ʻ 6ʻ $,0ʻ #5'-%#8ʻ 1 5+ʻ 2#%6$+4%-ʻ 8ʻ 1 #3'-.ʻ *-50# $,0+0ʻ +0!6?+$8!05ʻ 6 #0+$0#+ʻ 6 # $1ʻ # $,#00ʻ 80%#+ʻ $,0#+ʻ:#0:%#05ʻ$,04+0!70+ʻ%-5ʻ #09 20'705ʻ% 20#$'6'2%$0ʻ 6ʻ$,0'# $#%'-'-.ʻ ,0ʻ 6'#+$ 4%+$0# +2, !ʻ 1%+ʻ +$%#$05ʻ '-ʻ >LOMʻ ;8ʻ ʻ Z%-$,'0#ʻ '-ʻ 0#-'.0# 50ʻ%-5ʻ1%+ʻ!%$0# $#%-+9 60##05ʻ$ʻ !+0-;0#.ʻ% $ 1-ʻ'-ʻ*:0# %E -8ʻ +'$*%$05ʻ 1'$,'-ʻ$,0ʻ:#02'-2$+ʻ 6ʻ $,0ʻ !5ʻ ,*? #'-.'%-ʻ 6 #0+$ʻ ,'+ʻ +2, !ʻ 0-505ʻ 1'$,ʻ $,0ʻ 50%$,ʻ 6ʻ Z%-$,'0#ʻ'-ʻ >LL)ʻ -ʻ >L)Q 0'-#'2,ʻ $$%ʻ 0+$%;!'+,05ʻ%ʻ+'4'!%#ʻ +2, !ʻ 1,'2,ʻ 1%+ʻ 6 !! 105ʻ6 *# 80%#+ʻ!%$0#ʻ ;8ʻ -0ʻ*-50# 0 #.ʻ %#$'.ʻ ,0+0ʻ$1ʻ 40-ʻ,%70'+'-20ʻ;00-ʻ#02 .9 -'G05ʻ%+ʻ $,0ʻ$1ʻ .#0%$ʻ 4%+$0#+ʻ%-5ʻ6%$,0#+ʻ 6ʻ 4 50#-ʻ 6 #0+$#8ʻ $$%▯+ʻ +2, !ʻ 1%+ʻ !%$0# $#%-+60##05ʻ $ʻ ,%#%-5$ʻ 'ʻ %E -8ʻ %-5ʻ 2,%-.05ʻ'-$ʻ%ʻ+$%$0ʻ'-+$'$*$'-ʻ3- 1-ʻ+'-20ʻ %+ʻ $,0ʻ ,%#%-5$ʻ #0+$ʻ 2%5048ʻ 070#%!ʻ $,0#ʻ?ʻ 4%+$0#ʻ +2, !+ʻS ʻ10#0ʻ!%$0#ʻ$%30-ʻ 70# ;8ʻ$,0ʻ $%$0ʻ%-5ʻ2,%-.05ʻ'-$ʻ,'.,0#ʻ #ʻ4'55!0ʻ +2, !+ʻ 6ʻ !0%#-'-.ʻ *-50#ʻ $,0ʻ -%40ʻ 6ʻ %2%59 04'0+ʻ -ʻ >LLKʻ$,0ʻ -'70#+'$8ʻ 6ʻ 0#!'-ʻ;0.%-ʻ $ʻ +, 1ʻ$,0ʻ6'#+$ʻ'-$0#0+$ʻ'-ʻ6 #0+$#8ʻ;8ʻ0+$%;!'+,9 '-.ʻ%2 *#+0ʻ 6ʻ!02$*#0+ʻ'-ʻ; $%-8ʻ%-5ʻ!%$0#ʻ'-ʻ 6 #0+$ʻ 02 - 48ʻ$ʻ 1,'2,ʻ 1%+ʻ %5505ʻ%ʻ :#%29 $'2%!ʻ 2 *#+0ʻ%$ʻ 0.2!ʻ*-50# *#.+5 #6ʻ ,'+ʻ , 1070#ʻ5'5ʻ- $ʻ!%+$ʻ70#8ʻ! -.ʻ%-5ʻ1'$,ʻ$,0ʻ 50%$,ʻ 6ʻ *#.+5 #6ʻ'-ʻ>)KNʻ$,0ʻ+2, !ʻ1%+ʻ5'+9 2 -$'-*05ʻ ,0ʻ $0%2,'-.ʻ 6ʻ 6 #0+$#8ʻ 1%+ʻ $#%-+60##05ʻ6# 4ʻ$,0ʻ -'70#+'$8ʻ 6ʻ 0#!'-ʻ$ʻ ;0#+1%!50ʻ1,0#0ʻ'-ʻ>)JKʻ$,0ʻ:#0+0-$ʻ ;0#+?ʻ 1%!50ʻ #0+$ʻ 2%5048ʻ1%+ʻ 0+$%;!'+,05ʻ !'$$!0ʻ !%$0#ʻ$,0#0ʻ 1%+ʻ6 #405ʻ% 6 #0+$ʻ 50:%#$9 40-$ʻ%$ʻ$,0ʻ -'70#+'$8ʻ6ʻ '0++0-ʻ%-5ʻ6 #0+$ʻ 05*2%$' -ʻ1%+ʻ$%30-ʻ*:'%!+ʻ;8ʻ$,0ʻ*-'70#+'$'0+ʻ 6ʻ *;'-.0-ʻ%-5ʻ *-'2,ʻ H>L)PF

0#4%-8ʻ: ++0++0+ʻ%$ʻ :#0+0-$ʻ$,#00ʻ:# 60+9 +' -%!ʻ6 #0+$ʻ'-+$'$*$' -+ʻ 6ʻ$,0ʻ,'.,0+$ʻ.#%50ʻ -%40!8ʻ%$ʻ ;0#+1%!50ʻ-0%#ʻ 0#!'-ʻ< ''-50-ʻ -0%#ʻ %+0!ʻ< %-5ʻ ,%#%-5$ʻ -0%#ʻ #0+50-< %-5ʻ;0+'50+ʻ$,0+0ʻ6 #0+$ʻ 50:%#$40-$+ʻ%$ʻ$,0ʻ *-'70#+'$'0+ʻ 6ʻ *;'-.0-ʻ '0++0-ʻ%-5ʻ *9 -'2,ʻ%-5ʻ%$ʻ$,0ʻ !8$02,-'2*4ʻ%$ʻ %#!+#*,0ʻ ,0#0ʻ%#0ʻ$1ʻ 5'+$'-2$ʻ$8:0+ʻ 6ʻ6 #0+$ʻ +2, !+ʻ '-ʻ 0#4%-8ʻ1ʻ 6'#+$ʻ$,+0ʻ1,'2,ʻ%#0ʻ 507 $05ʻ 0E2!*+'70!8ʻ$ʻ $,0ʻ+$*58ʻ 6ʻ6 #0+$ʻ +2'0-20ʻ%-5

Forest Rangers at School in the Woods. (Manitou Park, Colorado.)

Forest Measurement. (Buena, Texas.)



Yale Forestry School at Work in Summer Quarters. (Milford, Pennsylvania.)

Foresters taking a Tree Analysis. (Calhoun Co., Arkansas.)

FORESTRY EDUCATION.

'$+ 2 !!%$0#%! ;#%-2,0+ $,0 + ?2%!!05 R6 #0+$ %2%504'0+ +02 -5 $,0 *-'70#+'$8 1 ((0 6 % 2 !!0.0 # : !8$02,-'2 '-+$'$*$' - 1'$, % 2 4 :#0,0-+'70 2 *#+0 6 +$*58 6 1,'2,6 #0+$#8'+ -0 6$,0 :# 4'-0-$ 50:%#$40-$+ ,0#0'%#0'%-*4;0# 6%57 2%$0+ 1, 6%7 # ! 2%$'-. 6 #0+$ +2, !+ 0-$'#0!8 ;8 $,04+0!70+ %-5 !F&02$ $ $,0 *-'70#+'$'0+ 6 # $,0 #0%+ -+ $,%$ $,08 %#0 50+'.-05 $ %'5 '-9 70+$'.%$' -+ '- $,0 %;+$#%2$ #%$,0# $,-'-$,0 2 -2#0$0< $,%$ +'-20 $,08 %#0 ! 2%$05 6%# %1%8 6# 4 %-8 6 #0+$ $,0 :# 60++ #+ %#0 !0++ %29 U*%'-$05 1'$, :#%2$'2%! 6 #0+$#8 %-5 $,0 +$*9 50-$+ $, *.,4 #0 70#+%$'!0 6%'! $!0%#-$, # *.,!8$,0$,'-.+ 4 +$ 0++0-$'%! 6 # $,0'# :# 60++' - #04%'-+$#%-.0#+ $ $,0 6 #0+$ %-5 5 - $!0%#-' 1 $ U*0+$' -$#00+ ,08 6*#$,0# ;0!'070 $,%$ '- #50# $;0 % 40%-+ 6 '-+$#*2$' -$,0 6 #0+$ 4*+$;0 % 504 -+$#%$' - .# *-5 %-5 +, *!5 ;0 + '+'$*%$05 $,%$ '$ 2%-; 0 7'+'$05 5%'!8 1'$, *$ 5'66'2*!8 # 0E:0-+0< $,%$ $,0 *-'70#+'$8 '+ 4 #0 % 20-$0# 6 .0-0#%! 2*!$*#0 % 60%$*#0 6 +02 -5%#8 '4: #$%-20 '- 6 #0+$ $02,-! .8 < $,%$ $,0 *-'70#+'$8 :# 9 60++ #+ 6 +*2, +2'0-20+ %+ ; $%-8 2,04'+$#8 G ! .8 %-5 .0 ! .8 %#0 *$ 6 +84 :%$,8 1'$, $,0 6 #0+$0# %-5 %#0 - $ 1'!!'-. $ %5%:$ $,0 2 *#+0+ $ '$,0-005+ 6 $,06 #0+$ +$*50-$+< $,%$ 1,'!0 *-'70#+'$'0+ %#0 #'2, 6 *-$%'-+ 6 3- 1!9 05.0 $,08 5 - $+:02'%!'G0 0- *., ,08, !5 - $,0 $,0# ,%-5 $,%$ $,0 6 #0+$ %2%504'0+ 300 $,0 :#%2$'2%! %!1%8+ '-7'01 %-5 $,0 %9 $%'-40-$ 6 3- 1!05.0 '+ %!1%8+ 2 4;'-05 1'$, 0E:0#'0-20 , +0 6%7 #'-. $,0 %$$%2, 40-$ 6 6 #0+$ +2, !+ $ *-'70#+'$'0+ : '-$ *$ $,%$!';0#%! 05*2%$' -'+ &*+$ %+ 0++0-$'%! '-6 #0+$ $#%'-'-. %+ '-%-8 $,0# :# 60++' -< $,%$ 4 +$ 6 $,0 *-'70#+'$'0+ %#0 +*##*-505 ;8 1 5+1,'2,'%#0 +*'$05 %+ 40%-+ 6 '-+$#*2$' - %-5 $,%$ '$ '+ - $ $,0 0E$0-$ 6 %6 #0+$ 1,'2,'502'50+ '$+ %59 7%-$%.0 %+ % 504 -+$#%$' -.# *-5 ;*$ '$+ 7%#'0$8 6 $#00+ %-5 4 50+ 6 $#0%$40-$ %-5 *$'!G%$' - < $,%$ $,0 +'$*%$' - 6 *-'70#+'$'0+ -0%# #%!# %5+ .'70+$,04 $,0 ;0+$ 6%2'!'$'0+ 6 # 0E2*#+' -+ %-5 6 # 6*!! 504 -+$#%$' - '- $,0 6'0!5 < %-5 $,%$ +2'0-$'6'2 #0+0%#2,'%-5 :#%2$'2%! 1 #3 %#0 - $ %-$%. -'+$'2 $ '0%2,$,0# ,0+0 %57%-$%.0+ %#0 2!0%#!8 +, 1- ;8 $,0 6%2$ $,%$ *-'70#+'$'0+ ,%70 :# 5*205 4 #0 04'-0-$ 1#'$0#+ %-5 $,'-30#+ '- $,0 6'0!5 6 6 #0+$#8 $,%- R6 #0+$ %2%504'0+ S ,0+0 5'66 0#'-. 7'01+ %+ $ $,0 ;0+$:!%20 6 # $0%2,'-.6 #0+$#8 ,%70 - $ 80$;00-#02 -2'!05 '- 0#4%-8 %-5 $,0 1, !0 4%$$0# '+ %- :0- U*0+$' - '- $,0 -'$05 $%$0+ !! $,0 +2, !+ 6 ,'.,0# 05*2%$' - '- 0#9 4%-8 %#0 +$%$0 '-+$'$*$' -+ %-5 $,0 %::!'2%-$ 6 # 0-$#%-20 $ $,04 4*+$;0 % .#%5*%$0 0'$,0# 6 % 2!%++'2%! #0%!?.84-%+'4 %-5 ;06 #0 0-$0#'-. $,0 6 #0+$ +2, ! 4*+$,%70 +:0-$ % +, #$:0#' 5 6# 4 -0?,%!6 $ -0 80%# '-$,0 1 5+ $ 6%4'!'%#'G0 ,'4+0!6 *-50# $,0 .*'5%-20 6 % 6 #0+$ 66'20# 1'$,$,0 .0-0#%! 60%$*#0+ 6 $,0 ;*+'-0++ ,0 :# : +0+ $ 0-9 .%.0 '- %-5 '-$,'+ 1%8 $0+$,'+ 6'$-0++ 6 # '$ 6$0# $,'+ 0E:0#'0-20 '-$,0 1 5+ ,0 0-$0#+ $,0 6 #0+$ %2%504 8 # $,0 6 #0+$ 50:%#$40-$ 6 % *-'70#+'$8 6 # $1 %-5 -0?,%!6 # $,#00 80%#+ : -2 4:!0$' - 6 ,'+ 2 *#+0 %$ $,0 6 #0+$ %2%504 8 # *-'70#+'$8 ,0 5 0+ - $ 0-$0# %$ -20$,0. 70#-40-$6 #0+$+0#7'20 ;*$ 4*+$ %$,'+ 1-0E:0-+0 +:0-5 %$!0%+$ $1 80%#+ '-+*$*58'-.2*!$*#%! :0#%$' -+ '-7%#' *+5'+9 $#'2$+ 5*#'-.1,'2,'$'40,0 4%8 ;0$04 :! 805 %$ +4%!! 1%.0+ '- + 40 +2'0-$'6'2 # %54'-'+$#%$'70 1 #3 0 4*+$ 300:' % 6*!! 5'%#8 6 ,'+ 5 '-.+%-5 ;+0#7%$' -+ 1,'2, 4*+$;0 20#$'6'05 $;8 $,0 5'+$#'2$6 #0+$ 4%-%.0# 1'$, 1, 4 ,0 +$%8+ %-5 1,'2, 6 #4 % :%#$ 6 ,'+ 66'2'%! 0E%4'-%$' - # -'-0 4 -$,+ 5*#'-. $,'+ $'40 ,0 4*+$ 2 -+$%-$!8 :0#6 #4 %!! $,0 5*$'0+ 6 % 6 #0+$ #%-.0# '-% 20#$%'-5 '+9 $#'2$ %-5 22%+' -%!!8 %!+ 20#$%'-6*-2$' -+ 6 % 6 #0+$ 4%-%.0# 6$0# $,0+0 $1 80%#+ 6 :#%2$'2%! 1 #3 '-$,0 1 5+ ,0 %.%'-'0-$0#+ $,0 *-'70#+'$8 6 # -0 # $1 80%#+ $ +$*58 !%1 *-!0++ ,0 ,+ %!#0%58 5 -0 + < %-5 -!8 $,0-2%-, 0 :#0+0-$,'4+0!6 6 # $,0 6'-%! 0E9 %4'-%$' - 6 # $,0 : +'$' - 6 % 6 #0+$0# 0-9 $'$!05 $,%70 2,%#.0 6 % 6 #0+$ 5'+$#'2$ '+ 0E%4'-%$' - !%+$+ 6# 4 0'.,$ $ $0- 5%8+ %-5 '+ ;%+05 - $ -!8 - 1#'$$0-%-5 #%! 0E%4'-%$' -+ ;*$%!+ -$,0 5'%#8 30:$5*#'-. ,'+ :#%2$'2%! 1 #3 ,*+$,0 $#%'-'-. 6 $,0 6 #0+$0# '- 0#4%-8 $%30+ 6# 4 +'E $ +070-' 80%#+ ,0 2*##'2*!*4 6 $,0 ,%#%-5$ 2%5048 4%8 ;0 2'$05 %+ %-0E%4:!0 6 $,0 '-+$#*2$' -. '70- %$ $,0 0#4%-6 #0+$ %2%504'0+ ,0 2 *#+0 2 70#+ $,#00 80%#+ %-5 '-2!*50+ $,0 6 !! 1'-.+*;&02$+ (0 ((6 4 '660#0-$'%! # '-$0.#%! 2%!2*!*+ 42 E:0#'40-$%! :,8+'2+ 02,9 %-'2+ H2F 0$0 # ! .8 4 - #.%-'2 0E:0#'9 40-$%! 2,04'+$#8 #.%-'0 2,04'+$#8 #%29 $'2%! 2 *#+0 '- 2,04'+$#8 HOF '-0#%! .8 %-5 :0$# .#%:,8 0 ! .8 #%2$'2%! 2 *#+0 '-' 4'-0#%! .8 %-5 :0$# .#%:,8 HDF 0-9 0#%! ; $%-8 < H F #:, ! .8 %E -9 48 HNF -%$ 48 ,8+' ! .8 #%2$'9 2%! 2 *#+0 '- ; $%-8 4 0-0#%! G ! .8 #%2$'2%! 2 *#+0 '- G ! .8 #0+$#8 (0 ((6 4 0-0#%! 2 *#+0 '-6 #0+$ +2'0-20+ H F #0+$; $%-8 #%2$'2%! 2 *#+0 '- 6 #0+$; $%-8 !%-$:,8+' ! .8 H2F #0+$ G ! .8 H>F 0#$0;#%$0+ H F -+02$+ 4 #0+$:# 9 02' - HOF 2 *#+0 '-6 #0+$ + '!+%-5 6 #0+$ +'$0+ HDF '!'2*!$*#0 4 #0+$ *$'!'G%$' - 4 ,04'2%! 6 #0+$ $02,-! .8 #%2$'2%! 2 *#+0 '- \2,04'2%! 6 #0+$ $02,-! .8 4 *#+0 '-$,0 2 -+$#*2$' - 6 6 #0+$ # %5+ 49 %-5 +*#708'-. #0:%#%$' - 6 6 #0+$ 4%:+ HDF #0+$ 40-+*#%$' - #0+$ 7%!*%$' - #0+$ 6'-%-20 H4F #0+$ #.%-'G%$' - #%2$'2%! 2 *#+0 '-6 #0+$ 40-+*#%$' - H-F #0+$ %54'-'+$#%$' - 4 #0+$: !'28 4 '+$ #8 6 6 #0+$#8 0 ! ((6 4 !'$'2%! 02 - 48 H F %1

H2F .#'2*!$*#0ʻ 4 *' *-$'-.ʻ 4 *' %40' %-5ʻ 6'+,ʻ 2*!$*#0ʻ HDF 8.'0-0ʻ E2*#+' -+ -ʻ %55'$' -ʻ $ ʻ $,0' 6 #0+$' %2%504'0+ʻ %-5ʻ 6 #0+$' 50:%#$40-$+ʻ '-ʻ *-'70#+'$'0+ʻ $,0#0' %#0' %!+ʻ +070#%!' +02 -5%#8' 6 #0+$' %2%504'0+ʻ +*2,ʻ %+ʻ $, +0' %$' '+0-%2,ʻ '-ʻ %E -8ʻ %-5ʻ +2,%6? 60-;*#.ʻ '-ʻ %7%#'%ʻ %-5' 0!040-$%#8' 6 #0+$' +2, !+ʻ 6 #'$,0' $#%'-'-.ʻ 6' #%-.0#+ʻ %-5ʻ +*; #9 5'-%$0' 6 #0+$' 66'20#+' 1,ʻ %#0' 5'#02$!8' 2,%#.05ʻ 1'$,ʻ$,0'2%##8'-.ʻ *$' 6'%!' 6 #0+$' 1 #3 ,*+ʻ 0#4%-8ʻ 1'$,ʻ%6 #0+$' %#0%' 6'%;*$ JQ KKK KKK' %2#0+ʻ ,%+ʻ -'-0' 6 #0+$' +2, !+ʻ -$' 2 *-$'-.ʻ$,0'0!040-$%#8'+2, !+ʻ6 #'$,0'$#%'-'-.ʻ 6'$,0'$02,-'2%!' 6 #0+$' 6 #20ʻ ,0'066'20'-28' 6' 6 #0+$' %54'-'+$#%$' -ʻ %-5ʻ 4%-.040-$' 6'$,0' 0#4%-'6 #0+$+ʻ 1,'2,ʻ6 #4ʻ -0' 6'$,0'2,'06 + *#20+ʻ 6' #070-*0' $ʻ $,0' +$%$0+ʻ '+ʻ 5'#02$!8' $#%20%;!0' $ ʻ $,0' 4%'-$0-%-20' 6'%,'.,ʻ +$%-59 %#5' 6' 6 #0+$' 05*2%$' -ʻ 6 #' $, +0' 1,ʻ %#0' 2,%#.05' 1'$,ʻ$,0'5'#02$' -ʻ 6'$,0' 1 #3 #%-20ʻ /ʻ ,0' #0%!';0.'--'-.ʻ 6' 6 #0+$' 05*9 2%$' -ʻ 1%+ʻ 4%50' '-ʻ >)NQʻ 1'$,ʻ$,0' 0+$%;!'+,9 40-$'%$' %-28' 6'%-%$' -%!'6 #0+$'+2, !'& (ʻ - ʻ 5 ʻ ʻ - (!*% 06 #0' $,0' 0+$%;!'+,40-$' 6' $,'+ʻ +2, !'$,0'. 70#-40-$' 6 #0+$+ʻ 10#0' '-ʻ2,%#.0' 6'*-$#%'-05ʻ 40-ʻ ,0' 66'20+ʻ 6' 6 #0+$0#+ʻ 10#0'.'70-ʻ$ʻ2 *#$'0#+ʻ %+ʻ ;0-06'20+ʻ %-5ʻ ;02%40' ,0#05'$%#8ʻ - ʻ :# 60+9 +' -%!' 3-1!05.0' ;0'-.ʻ #0U*'#05ʻ -ʻ $,0' 1, !0ʻ$,0' +'$*%$' -ʻ 1%+ʻ 70#8' +'4'!%# $ʻ $,%$' 1,'2,ʻ 0E'+$05' '-ʻ 0#4%-8' %; *$',0' 4'55!0' 6'$,0'0'.,$00-$,ʻ20-$*#8<;*$'-ʻ #%-20ʻ -ʻ%29 2 *-$' 6'$,0' : !'$'2%!' $*#4 '!' 5*#'-.ʻ$,0' '#+$' 4:'#0ʻ -ʻ %$$0-$' -ʻ 1%+ʻ .'70-'$ʻ$,0':# :0# $#%'-'-.ʻ 6' 6 #0+$0#+ʻ %-5ʻ$,0'+2'0-$'6'2' 4%-%.09 40-$' 6'$,0' 6 #0+$+ʻ 1%+ʻ - $'$%30-ʻ*:'*-$'!'% + 401,%$'!%$0#'$'40'$,%-'-ʻ 0#4%-8ʻ ,0'6'#+$ 5'#02$ #' 6'$,0' %-28'6 #0+$' +2, !'1%+ʻ 0#9 -%#5' #0-$G'1,ʻ #020'705',+ʻ 05*2%$'-ʻ'-ʻ 0#4%-8ʻ ,0'0%#!8',+$ #8' 6'$,0'-%$'-%!' 6 #0+$' +2, !'1%+ʻ '-6!*0-205';8'$,0'$0%2,'-.+ʻ 6' 0#4%-ʻ6 #0+$0#+ʻ ,0'+2, !',5'% ,%#5' +$#*..!0'6 #'#02 .-'$'-ʻ %-5'5'5'-$';0.'-ʻ$ʻ %$$%'-ʻ$,0',.',ʻ+$%-5'-.ʻ1,'2,ʻ'$'-1'22*:'0+' *-$'!' >)LL'1,0-ʻ$,0'. 70#-40-$' 6 #0+$+ʻ %-5ʻ $,0' 6 #0+$' +2, !'10#0' $#%-+60##05' 6# 4ʻ$,0' &*#'+5'2$' -ʻ 6'$,0' 02#0$%#8' 6'$,0' #0%+*#8'$ʻ $,0' 0:%#$40-$' 6' .#'2*!$*#0ʻ '$,ʻ$,0' $#%-+60# 6'$,0'+2, !'$ʻ$,0' 0:%#$40-$' 6' .#'2*!$*#0ʻ'$'1%+ʻ 0-$'#0!8'#0 #.%-'G05ʻ%-5'%$' :#0+0-$' $,0' #0-2,ʻ -%$'-%!' 6 #0+$' +2, !'+ʻ -0' 6'$,0',.,0+$' +0%$+ʻ 6'!0%#-'-.ʻ%-5ʻ+ʻ 0U*%!'$ʻ $,0';0+$' 6 #0+$' +2, !+ʻ 6' 0#4%-8ʻ -!8'$, +0' 1,ʻ .#%5*%$0' 6# 4ʻ$,0' .# - 4'2' -+$'$*$0ʻ 6' %#'+ʻ%-5'!-ʻ0E20:$' -%!' 2%+0+ʻ%!+ʻ $, +0' 1,ʻ 2 4:!0$0' % 6*!!' 2 *#+0' '-ʻ$,0' !8? $02,-'2*4ʻ %#0' %54'$$05' %+ʻ +$*50-$+ʻ $ʻ $,0' 6 #0+$' +2, !' ,0'-*4;0#' 6'+$*50-$+ʻ1,ʻ %#0' %!! 105ʻ$ʻ 0-$0#' 070#8' 80%#' 5 0+ʻ -$' 0E2005' $10!70ʻ ,08' 2%-- $';0' !50#' $,%-ʻ $10-$8? $1ʻ 80%#+ʻ 4*+$',%70' -ʻ:,8+'2%!' 50602$+ʻ%-5ʻ 4*+$';0' 6'$$05' 6 #' %#48' !'60ʻ ,0' 2 *#+0' 2 70#+ʻ $1ʻ 80%#+ʻ ,0' +$*50-$+ʻ %#0' #0U*'#05' $ʻ 5ʻ$,#00' 80%#+⁋ +0#7'20'-ʻ$,0' %#48';*$',0' $1ʻ 80%#+ʻ 6' %2%504'2' !'60' %#0' 2 *-$05'%+ʻ $1 80%#+ʻ -ʻ $,0' $0#4ʻ 6' $,0'0'# 4'!'$%#8' +0#7'20ʻ , +0' 1,ʻ .#%5*%$0' 6# 4ʻ$,0' +2, !'0-$0#' $,0' 4'!'$%#8' +0#7'20' %+ʻ 66'20#+ʻ 6'+*; #5'-%$0' #%-3ʻ 1,'!0'$, +0' 1,ʻ 6%'!' 4*+$' 2 4:!0$0' $,0'#' 4'!'9 $%#8' +0#7'20'-ʻ$,0' #%-3' %-5ʻ 6'!0' ,0'+$*50-$+ʻ !'70'-ʻ$,0' +2, !'%-5ʻ 4*+$'+*; 4'$'$ʻ 1,%$' '+ʻ :#%2$'2%!!8' % 4'!'$%#8' #0.'40ʻ ,0' 2*##'2*!*4ʻ '+ʻ 70#8' +'4'!%#ʻ $ʻ $,%$' 6' $,0' 0#4%-ʻ +2, !+ʻ 0E20:$',%$' 2 -+'50#%;!0'+$#0+ʻ'+ʻ!%'5' -ʻ, #+0?ʻ ;%23' #'5'-.ʻ60-2'-.ʻ.84-%+$'2+ʻ+, $'-.ʻ%-5ʻ 5#'!!ʻ '-20ʻ%+ʻ%#*!0ʻ%4 -.ʻ$, +0' 1,ʻ.#%59 *%$0' 6# 4ʻ$,0' .# - 4'2' -+$'$*$0' 6' %#'+ʻ $,0#0' %#0' 4 #0' $,%-ʻ $10!70' :0#+ -+ʻ 1,ʻ %#0' 1'!!'-.ʻ$ʻ0-$0#'$,0'6 #0+$' +2, !'$,0'%:!'2%-$+ʻ 4*+$':%+ʻ%2 4:0$'$'70'0E%4'-%$' -ʻ'-ʻ 4%$,09 4%$'2+ʻ%-5' 0#4%-ʻ -ʻ2 --02$' -ʻ 1'$,ʻ$,0' 6 #0+$+2, !'$,0#0'+ʻ%6 #0+$' 0E:0#'40-$'+$%$' -ʻ 1,'2,ʻ +0#70+ʻ %+ʻ %' 504 -+$#%$' -ʻ .# *-5ʻ6 #' :#%2$'2%!' 1 #3' -ʻ 6 #0+$#8ʻ #%5*%$0+ʻ 6# 4ʻ $,'+ʻ+2, !'0-$0#'%$' -20'$,0'. 70#-40-$'+0#7'20ʻ - $' %+ʻ '-50:0-50-$' 6 #0+$' 4%-%.0#+'" ;*$ʻ %$' 6'#+$ʻ %$' !0%+$' 6 #' %' 80%#ʻ *-50#' $,0' .*'5%-20' 6' %-ʻ !50#' 6 #0+$' '-+:02$ #ʻ ,0' %-28' +2, !ʻ ;0'-.ʻ%'.#%5*%$0'+2, !ʻ%-5ʻ'$+ʻ+$*50-$+ʻ;0'-.ʻ 2, +0-ʻ6# 4ʻ$,0'6!'$0' 6'$,0'.#%5*%$0+ʻ 6'$,%$' '-+$'$*$0ʻ,%+ʻ:# 5*205'%'$8:0' 6'6 #0+$0#+ʻ 1,ʻ %#0' ,'.,!8' 05*2%$05' 40-ʻ 4%-8' 6' 1, 4ʻ,%70' %$$%'-05' *# :0%-ʻ 6%40' %-5' ;# *.,$' $,0' :#%2$'20' 6'6 #0+$#8'-ʻ #%-20'$ʻ%',.,ʻ+$%$0' 6' 5070! :40-$ 0+'50+ʻ$,0'+2, !'%$ %-28'$,0#0'+ʻ%!+ʻ%+02 -5%#8'+2, !'%$ %##0+ʻ1,'2,ʻ%'4+ʻ2,'06!8' $ʻ$#%'-'8 *-.ʻ40-'6 #$,0'+*; #5'-%$0':+'$' -+ʻ '-ʻ6 #0+$' %54'-'+$#%$' -ʻ -0' 60%$*#0ʻ, 19 070#ʻ 6' $,0'+2, !'+ʻ$,%$' '$+ʻ.#%5*%$0+ʻ 4%8' 070-$*%!!8' %$$%'-ʻ$,0'+%40',.,ʻ:+'$' -ʻ'-ʻ 6 #0+$' %54'-'+$#%$' -ʻ %+ʻ.#%5*%$0+ʻ6# 4ʻ$,0' +2, !'%$ %-28'ʻ ,0' 0-$#%-20'+ʻ$,# *.,ʻ 2 4:0$'$'70'0E%4'-%$' -ʻ # 4ʻ%4 -.ʻ$, +0' 1,ʻ+*220++6*!!8';%+ʻ$,0' 0E%4'-%$' -ʻ %#0' +09 !02$05'%;*$'$10-$8' #$10-$8?$1ʻ8 *-.ʻ40-ʻ , +0' 1,ʻ %#0' %54'$$05' $ʻ $,0' +2, !' %#0' %:: '-$05'%++'+$%-$'6 #0+$' .*%#5+ʻ%-5' $1ʻ 80%#+ʻ !%$0#' $,08' %#0' :# 4 $05' $ʻ $,0' .#%50' 6' R';#'.%5'0#S' 2 ##0+:-5'-.ʻ$ʻ 6 #0+$' #%-.0#' '-ʻ$,0' -'$05' $%$0+' 6$0#' +$*58'-.ʻ -0' 4 #0' 80%#' '-ʻ$,0' +2, !'%-5' +*220++6*!!8' 2 4:!0$'-.ʻ$,0' 2 *#+0' $,0#0' $,08' %#0' 0!'.';!0' $ʻ $,0' :+'$' -+ʻ %$' 6'#+$' 6' %++'+$%-$' 6 #0+$' 4%-%.0#+ʻ%-5'!%$0#' 6' 6 #0+$' 4%-%.0#+ʻ ,*+ʻ $,0' +2, !'%$' %##0+ʻ 660#+ʻ$,0' +%40' :0-'-.+ʻ %+ʻ$,0' +2, !'%$' %-28'ʻ$, *.,ʻ$,0#0'+ʻ% 5'660#9 0-20' '-ʻ$,0' 40$, 5' 6' $#%'-'-.ʻ ,'!0' $,0' +2, !'%$' %-28'!%8+ʻ 2 -+'50#%;!0' +$#0+ʻ -ʻ $,0' $,0 #0$'2%!' 05*2%$' -ʻ 6' $,0' +$*50-$+ʻ $,0' +2, !'%$' %##0+ʻ:# 4 $0+ʻ:#'-2':%!!8'$,0':#%29 $'2%!' $#%'-'-. *+$#'%? *-.%#8' /ʻ(*+$' %+ʻ '-ʻ 0#4%-8' %-5' #%-20'$,0' $#%'-'-.ʻ 6' 6 #0+$' +$*50-$+ʻ1%+ʻ ;0.*-'-ʻ$,'+ʻ2 *-$#8' %$' 6'#+$' ;8'ʻ:#'7%$0'0-$0#?

:#'+0ʼ ,0ʻ$1 ʼ!%#.0+$ʻ6 #0+$ʻ 1-0#+ʼ'-ʼ *+$#'%ʼ $,0ʻ #'-20+ʼ '2,$0-+$0'-ʼ 6ʻ ,04'%ʼ%-5ʼ 2,1%#G0-;0#.ʼ 6ʻ #%7'%ʼ 0+$%;!'+,05ʼ $,0ʻ 6'#+$ʻ6 #0+$ʻ +2, !+ʼ'-ʼ >)KKʼ -ʼ >)KQʼ $,0ʻ +$%$0ʻ '-+$'$*$0ʻ -0%# b!0--%ʼ%-5ʼ%- $,0#ʻ :#'7%$0ʻ +2, !ʼ'-ʼ ,04'%ʼ 2%40ʻ'-$ʼ 0E'+$0-20ʼ ,0ʻ +$%$0ʻ'-+$'$*$0ʻ 1%+ʼ$#%-+60##05ʼ'-ʼ >)>J$ʼ %?#'%;#*--ʼ%-5ʼ %6$0#ʻ 4%-8ʼ 4 5'6'2%$'-+ʼ'-ʼ $,0ʻ 2,%#%2$0#ʻ 6ʻ $,0ʻ $0%2,'-.ʼ1%+ʼ2,%-.05ʼ'-ʼ >)KLʼ$ʼ%-ʼ%2%5048ʼ1'$,ʼ%$,#00ʻ80%#+ʼ2 *#+0ʼ -ʼ >)LQʼ'$ʼ 1%+ʼ2 4;'-05ʼ 1'$,ʼ$,0ʻ%.#'2*!$*#%!ʼ 2 !!0.0ʻ'-ʼ '0--%ʼ41 ((0ʼ/ʼ8 90 0 *6 :0-05ʼ'-ʼ >)LNʼ%-5ʼ%$ʼ:#0+0-$ʼ'$ʼ'+ʼ$,0ʻ -!8ʼ6 #0+$ʻ +2, !ʼ'-ʼ *+$#'%ʼ 1,'2,ʼ .'70+ʼ %$,# *.,!8ʼ+2'0-$'6'2ʼ6 #0+$ʻ 05*2%$'-ʼ $ʼ ,%+ʼ%$,#00?80%#ʻ2 *#+0ʼ%-5ʼ 04:!8+ʼ+070-$8?-0ʻ :#60++ #+ʼ%-5ʼ'-+$#*2$#+ʼ *#'-.ʼ$,0ʻ80%#+ʼ6# 4ʼ>)LQʼ$ʼ>PKMʼNOKKʻ6 #0+$ʻ +$*50-$+ʼ10#0ʻ '-ʼ%$$0-5%-20ʼ ,0ʻ2*##'2*!*4ʼ%$ʼ$,0ʻ .#'92*!$*#%!ʼ !!0.0ʻ%$ʼ '0--%ʼ'+ʼ$,0ʻ+%40ʻ%+ʼ'-ʼ $,0ʻ;0+$ʻ 0#4%-ʼ6 #0+$ʻ +2, !+ʼ -ʼ%55'$'-ʼ $ʼ$,'+ʼ6 #0+$ʻ +2, !ʼ$,0#0ʻ%#0ʻ'-ʼ *+$#'%ʼ+0790#%!ʼ $,0# + ?2%!!05ʼR4'55!0ʻ +2, !+S%-5ʼ%; *$+070-ʼ! 10# +2, !+ʼ6 #ʼ$,0ʻ05*2%$'-ʼ 6ʻ .*%#5+ʼ -ʼ$,'+ʼ#0+:02$ʼ *+$#'%ʼ 22*:'0+ʼ%5'+$'-2$ʼ:!%20ʻ%4 -.ʼ$,0ʻ5'660#0-$ʻ2 *-$#'0+ʼ'-ʼ $,0ʻ0E20!!0-$ʻ #.%-'G%$'-ʼ 6ʻ$,0+0ʻ +2, !+ʼ6 #$,0ʻ 05*2%$'-ʼ 6ʻ$,0ʻ +*;#5'-%$0ʻ $02,-'2%!ʼ6 #0+$ʻ :0#+ --0!

*++'%ʼ/ ,0ʻ%$$04:$ʼ %$ʼ6 #0+$ʻ 05*2%$'-ʼ '-ʼ *++'%ʼ5%$0+ʼ;%23ʼ$ʼ>LJKʼ1,0-ʼ%-*4;0#ʼ 6ʻ6 #0+$0#+ʼ 10#0ʻ+02*#05ʼ6# 4ʼ 0#4%-8ʼ$ʼ $%30ʻ2,%#.0ʻ 6ʻ$,0ʻ4%-%.040-$ʻ 6ʻ$,0ʻ. 70#-940-$ʻ6 #0+$+ʼ ,08ʼ10#0ʻ%!+ʼ'-$#*+$05ʼ1'$,ʼ$,0ʻ 05*2%$'-ʼ 6ʻ6 #0+$0#+ʼ0%2,ʼ5 ʼ,%7'-.ʼ +'Eʼ:*:'!+ʼ%++'.-05ʼ$ʼ,'4ʼ ,'+ʼ%##%-.040-$ʼ, 1070#ʼ5'5ʼ-$ʼ:# 70ʻ+%$'+6%2$ #8ʼ%-5ʼ+'-20ʼ'$ 1%+ʼ60%#05ʼ$,%$ʼ%$'4;0#+, #$%.0ʻ4'.,$2#':10ʻ $,0ʻ-%78ʼ%2 *#+0ʻ'-ʼ6 #0+$#8ʼ1%+ʼ'-+$'$*$05ʼ '-ʼ>)KKʻ %$ʼ $,0ʻ %7.>ʼ 2%5048ʼ ,'+ʼ1%+ʼ6 !! 105ʼ;8ʼ+070#%!ʼ $,0#ʻ +2, !+ʼ -0ʻ%$ʼ Z%#+?73 80ʻ 0!ʼH-0%#ʻ $ʼ 0$0#+;*#.Fʼ'-ʼ>)KJʼ%- $,0#ʻ %$ʼ G! 7+3ʼ'-ʼ>)KQʼ%-5ʼ%$,'#5ʼ%$ʼ $ʼ 0$0#+9;*#.ʼ'-ʼ>)K)ʼ 6ʻ%!ʼ$,0+0ʻ$,0#0ʻ#04%'-+ʼ- 1ʼ -!8ʼ$,0ʻ #0+$ʻ -+$'$*$0ʻ%$ʼ $ʼ 0$0#+;*#.ʼ 1,'2,ʼ,%+ʼ!'705ʼ$,# *.,ʼ4%-8ʼ7'2'++'$*50+ʼ%-5ʼ #06!02$+ʼ '-ʼ '$+ʼ #.%-'G%$'-ʼ 2,%#%2$0#ʼ %-5ʼ +2 :0ʻ 6ʻ $0%2,'-.ʼ%!ʼ$,0ʻ2,%-.0+ʼ'-ʼ$,0ʻ6 #0+$ʻ : !'28ʼ 6ʻ *++'%ʼ -ʼ$,'+ʼ2%+0ʼ'-ʼ :%#$'2*!%#ʼ '$ʼ4%8ʼ;0ʻ+%'5ʼ$,%$ʼ$,0ʻ,'+$ #8ʼ 6ʻ$,0ʻ $ʼ 0$0#+9;*#.ʼ #0+$ʼ -+$'$*$0ʻ'+ʼ:#%2$'2%!!8ʼ$,0ʻ,'+$*$0ʻ -+$'$*$0ʻ:# 7'50+ʼ%6 *#?80%#ʻ 2 *#+0ʼ,%+ʼ6'60$00-ʼ:# 960++ #+ʼ%-5ʼ'-+$#*2$ #+ʼ%-5ʼ:#0:%#0+ʼ8 *-.ʼ 40-ʼ6 #ʼ$,0ʻ,'.,0#ʻ :+'$'-+ʼ'-ʼ$,0ʻ *++'%-ʼ6 #0+$ʻ +0#7'20ʼ -ʼ >)OKʻ %- $,0#ʻ,'.,?.#%50ʻ6 #0+$ʻ +2, !ʼ1%+ʼ2#0%$05ʼ%$ʼ 7?!0E%-5#'%ʼ -0%#ʻ #0+%1ʼ3- 1-ʼ%+ʼ$,0ʻ 7?!0E%-5#'8+3ʼ -+$'$*$0ʻ 6ʻ .#'2*!$*#0ʻ%-5ʼ #0+$#8ʼ$ʼ %!+ʼ,%+ʼ%6 *#?80%#ʻ2 *#+0ʼ%-5ʼ,%+ʼ$,0ʻ+%40ʻ ;&02$ʼ%-5ʼ+2 :0ʻ%+ʼ$,0ʻ $ʼ 0$0#+;*#.ʼ #0+$ʻ -+$'$*$0

ʼ -ʼ%55'$'-ʼ$ʼ ʼ$,0+0ʻ$1 ʼ'-50:0-50-$ʻ6 #0+$ʻ +2, !+ʼ2,%'#+ʼ 6ʻ6 #0+$#8ʼ0E'+$ʼ %$ʼ 0$# 7+3ʼ *#%!ʼ 2%5048ʼ'-ʼ +2 1ʼ%-5ʼ'-ʼ$,0ʻ '.%

!8$02,-'2ʼ -+$'$*$0ʼ%-5ʼ%!+ʼ'-ʼ+070-ʼ+029 -5%#8ʼ+2, !+ʼ 6ʻ #*#%!ʼ 02-48ʼ *++'%ʼ!0%5+ʼ:%#$'2*!%#!8ʼ'-ʼ$,0ʻ $#%'-'-.ʼ 6ʻ6 #0+$ʻ #%-.0#+ʼ%-5ʼ.*%#5+ʼ ,0+0ʻ+2, !+ʼ 6ʻ1,'2,ʼ $,0#0ʻ %#0ʻ- 1ʼ$,'#$8ʼ%#0ʻ0+$%;!'+,05ʼ%6$0#ʻ$,0ʻ *+$#'%-ʼ:%$$0#-ʼ ,0ʻ2 *#+0ʻ 6ʻ+$*58ʼ'+ʼ$1ʼ 80%#+ʼ%-5ʼ2 -+'+$+ʼ 4%'-!8ʼ 6ʻ:#%2$'2%!ʼ 1 #3ʼ +*:!040-$05ʼ;8ʼ%ʻ $,0 #0$'2%!ʼ +$*58ʼ 6ʻ+'!9 7'2*!$*#0ʼ -ʼ%55'$'-ʼ6 #0+$0#+ʼ'-ʼ2,%#.0ʻ 6ʻ% 5'+$#'2$ʻ%#0ʻ%!! 105ʼ$ʼ$#%'-ʼ40-ʼ%-5ʼ,%70ʻ $,04ʼ:%++ʼ$,0ʻ6'-%!ʼ0E%4'-%$ʼ -ʼ%$ʼ$,0+0ʻ! 10#+2, !+ʼ ,0ʻ ,'.,0#ʻ 05*2%$'-ʼ6 #ʻ 6 #0+$#8ʼ'-ʼ *++'%ʼ#0+04;!0+ʼ70#8ʼ2! +0!8ʼ$,%$ʼ 6ʻ 0#94%-8ʼ'-ʼ$,0ʻ 2*##'2*!*4ʼ 6ʻ'$+ʼ+2, !+ʼ%-5ʼ'-ʼ $,0ʻ ,'.,ʼ+$%-5%#5ʼ 6ʻ0-$#%-20ʼ#0U*'#040-$+ʼ -!8ʼ$1ʼ,'.,?.#%50ʻ6 #0+$ʻ +2, !+ʼ, 1070#ʼ6 #ʻ%-ʼ%#0%ʼ 6ʻ%;ʼ$ʼ)>K KKK KKKʻ%2#0+ʼ 6ʻ6 #90+$ʻ !%-5ʼ:# 7'50+ʼ 6ʻ2 *#+0ʼ%2 4:%#%$'70!8ʼ+4%!ʼ-*4;0#ʻ 6ʻ$02,-'2%!!8ʼ$#%'-05ʼ6 #0+$0#+ʼ %+ʼ2 -$#%+$05ʼ1'$,ʼ$,0ʻ+070-ʼ6 #0+$ʻ +2, !+ʼ'-ʼ 0#4%-8ʼ6 #ʻ%6 #0+$ʻ %#0%ʼ 6ʻ -!8ʼJQ KKK KKKʻ %2#0+

'-!%-5ʼ/ʼ -ʼ '-!%-5ʼ%ʻ +2, !ʼ 6ʻ6 #0+$#8ʼ 1%+ʼ0+$%;!'+,05ʼ'-ʼ>)OJʼ%$ʼ 7'+ʼ;*$ʼ'-+$#*29 $'-ʼ,0#0ʻ1%+ʼ 22%+'-%!!8ʼ+*+:0-505ʼ;02%*+0ʻ 6ʻ%-ʼ'-+*66'2'0-$ʻ-*4;0#ʻ 6ʻ:*:'!+ʼ 020-$!8ʼ $,0ʻ +2, !ʼ,%+ʼ;00-ʼ 0E$0-505ʼ< %-5ʼ'-ʼ%59 5'$'-ʼ%2 *#+0ʻ 6ʻ'-+$#*2$ʼ-ʼ'-ʼ6 #0+$#8ʼ%$ʼ 0!+'-.6 #+ʼ'+ʼ ;0'-.ʼ2 -$04:!%$05ʼ 2, !+ʼ 6ʻ'-+$#*2$ʼ-ʼ6 #ʻ6 #0+$ʻ .*%#5+ʼ%#0ʻ%!+ʼ:#9 7'505

$%!8ʼ/ʼ ʼ,'.,?.#%50ʻ6 #0+$ʻ +2, !ʼ'+ʼ! 2%$05ʼ %$ʼ %!! 4;# +%ʼ +'$*%$05ʼ'-ʼ $,0ʻ :0-'-0+ʼ %$ʼ%-ʼ0!07%$'-ʼ6ʻ PKKʻ40$0#+ʼ ,0ʻ6 #0+$ʻ '-9 +$'$*$0ʻ'+ʼ*-50#ʻ$,0ʻ5'#02$'-ʼ6ʻ$,0ʻ 0:%#$40-$ʻ 6ʻ .#'2*!$*#0ʼ ,0ʻ'-+$'$*$0ʻ 1%+ʼ 2#0%$05ʼ'-ʼ >)OPʼ ,0ʻ2 *#+0ʻ 6ʻ+$*58ʼ'+ʼ6 *# 80%#+ʼ;09 .'--'-.ʼ %#2,ʼ>ʼ%-5ʼ0-5'-.ʼ 7ʼ>ʼ # 4ʼ >)OPʼ$ʼ>PKJʼJKKʻ+$*50-$+ʼ,%70ʻ;00-ʼ.#%5*9 %$05ʼ6# 4ʼ$,'+ʼ'-+$'$*$0ʼ ,0ʻ -*4;0#ʻ 6ʻ +$*50-$+ʼ$,%$ʼ2%-ʼ;0ʻ%54'$$05ʼ$ʼ$,0ʻ'-+$'$*$0ʻ '+ʼ50$0#4'-05ʼ0%2,ʼ80%#ʻ;8ʼ$,0ʻ 0:%#$40-$ʻ 6ʻ .#'2*!$*#0ʼ%-5ʼ%+ʼ%#*!0ʻ'$ʼ'+ʼ70#8ʼ!'4'$05ʼ ,*+ʼ'-ʼ >PKJʼ$,0#0ʻ 10#0ʻ'-ʼ%!!ʼ$,'#$8?6 *#+$*50-$+ʼ -!8ʼ.#%5*%$0+ʼ 6# 4ʼ $02,-'2%!ʼ+2, !+ʼ#!820*4+ʼ4 (;ʼ (*%#0ʻ%54'$$05ʼ '-20ʼ$,0ʻ-*4;0#ʻ 6ʻ%:!'2%-$+ʼ'+ʼ%!1%8+ʼ.#0%$0#ʻ $,%-ʼ$,0ʻ -*4;0#ʻ %:!# 705ʼ;8ʼ$,0ʻ 0:%#$7ʻ 40-$ʼ -!8ʼ$,ʼ +0ʻ1,ʼ,%70ʻ.#%5*%$05ʼ1'$,ʼ$,0ʻ ,'.,0+$ʻ #%-3ʼ%#0ʻ%54'$$05ʼ$ʼ$,0ʻ'-+$'$*$0ʻ #%5*%$0+ʼ%#0ʻ%:: '-$05ʼ%+ʼ%++'+$%-$ʻ6 #0+$0#+ʼ 4. = ʼ 0 *6 #$04:#%#'!8ʼ%+ʼ6 #0+$ʻ #%-.0#+ʼ&8 ʼ/ *% ,0ʻ #.%-'G%$'-ʼ 6ʻ$,0ʻ'-+$'$*$0ʻ'+ʼ 4'!'$%#8ʼ ,0ʻ2 *#+0+ʼ%#0ʻ $,#*.,ʼ%-5ʼ4*2,ʼ+$#0++ʼ'+ʼ!%'5ʼ-ʼ$,0ʻ;%+'2ʻ -%$*#%!ʼ+2'0-20+

1050-ʼ/ʼ #0+$#8ʼ'+ʼ:# 7'505ʼ6 #ʼ'-ʼ% $%$0ʻ #0+$ʻ -+$'$*$0ʻ%$ʼ $23,!4ʼ%-5ʼ$1ʼ +02-5%#8ʼ+2, !+ʼ -0ʻ%$ʼ 4;0#.ʼ6 *-505ʼ '-ʼ>))O ʼ%-5ʼ%-$,0#ʻ%$ʼ !;0-ʼH POKFʼ1,0#0ʻ% -0?80%#ʻ2 *#+0ʻ'+ʼ.'70-ʼ4%'-!8ʼ'-ʼ:#%29 $'2%!ʼ1#3ʼ:#0:%#%$ #8ʼ$ʼ0-$#%-20ʼ'-$ʼ$,0ʻ $%$0ʻ #0+$ʻ -+$'$*$0ʼ ,0ʻ-*4;0#ʻ 6ʻ+$*950-$+ʼ'-ʼ$,0ʻ'-+$'$*$0ʻ'+ʼ!'4'$05ʼ$ʼ$10-$8?$1ʼ %-5ʼ$,0ʻ $0#4ʼ!%+$+ʼ $1ʼ%-5ʼ -0?,%!6ʻ 80%#+

A Valuation Crew at Work in the Adirondack Mountains.

Planting Trees in a National Forest Reserve. (Nebraska.)

Summer Camp of the Yale Forestry School at Milford, Pennsylvania.

6 -020++'$8 2%##8 1'$,' '$ $,0 2 -20:$' -' $,%$ $,08 4%8 ;0 .0-0#%!!8 '4:# 705 ;8 0E0#2'+0 '-'+:02'6'2 5'#02$' -+' 1070#' 1,0-'04:,%9 +'+ '+ :!%205 -' $,0 6 #4 6 $,0 %2$'7'$8 %-5 1,0-' '$' '+ %++*405 $,%$ %!! %2$'7'$'0+ 6 % 20#9 $%'-'6 #4 50:0-5 *: -' % +:02'%! '--0# : 10# $,%$ 0E0#$+ '$+0!6 0U*%!!8 '-' 2 --02$' -' 1'$,' 1,%$+ 070# 4%$0#'%! '%-8 ;+0#705 '-2#0%+0 '-' '$+ 066'2'0-28 '-' 50%!'-.'1'$,'$,'+ #$,%$ 2 -$0-$ 1'!! ;0 -%$*#%!!8 0E:02$05 $ '%:: 0%# 1,0-'%$$0-9 $' -' '+ 5'#02$05 $ ' $,0# 2 -$0-$ ' ,0 !50# 7'01' $,%$ 40-$%! %2$'7'$8 '+ +*2,' %-' %;+$#%2$ 0-0#.8 6*-2$' -'-.''-50:0-50-$!8 6 $,0 2,%#9 %2$0# 6 $,0 4%$0#'%! :#0+0-$05 1%+ 4 5'6'05 0++0-$'%!!8 ;8 $,0 %-$'%-' %-5 0+:02'%!!8 ;8 $,0 0#;%#$'%-' $,0 #8 6 %::0#20:$' - H 00 ' # 5 22 #5'-.' $ ' 0#;%#$ 10 +, *!5 $,'-3 6 $,0 :# 20++ 6 %::0#20:$' -' %+ $,0 %++'4'!%$' - 6 -01'50%+ ;8 '50%+ $,%$,%70 %!#0%58 ;00-'%::0#20'705 #'-2 #: #%$05 '-$ ' $,0 !'7'-.'2 -$0-$ 6 $,0 4'-5 0 #0&02$05 0E:!'2'$!8 $,0 6%2*!$8 $,0 #8 #0.%#5'-.'$ %+ 7%!'5 40#0!8 %+ % 50+2#':$' - 6 7%#' *+:,%+0+ '-' $,0 :# 20++ 6 %++'4'!%$' -' #%::0#20:$' - ' ,*+ 10 %#0 !05 $ ' $,'-3 6 $,0 4'-5 - $ %+ 4%50 *:' 6 :0#20:$'70 '4%.'-%$'70 #%$' -%! %-5 7 !'$' -%!' : 10#+ ;*$ #%$,0# 6 .# *:+ 6 '50%+'0%2,' 6 1,'2,' 50$0#4'-0 6 # *+ % +:02'6'2 : 10# 6 :0#20'7'-' #0404;0#'-' &*5.'-' # 50+'#'-' '50%+ 6 % +'4'!%# 2,%#%2$0# 50#-'+82, ! .8 ,%+ 5 -0 4*2,'$ '&*+$'68 $,0 0#;%#$'%-2 -20:$' -' 6 $,0 4'-5 $,%+ ;00-'6 *-5 $,%$ 404 #8 '+ % + 401,%$ +:02'%!'G05 : 10#' 0#$%'-' :0#+ -+ ,%70 % ;0$$0# 404 #8 6 # 7'+*%! 0E:0#'0-20' $,0#+ 6 # %*5'$ #8 0E:0#'0-20' 0$2' #0 70#' '$ '+ #02 .-'G05 $,%$ -0 : 10#+ 6 5'+2#'4'-%$' -' %#0 % 6*-2$' -' 6 1,%$,0 3- 1+' ,0 4'2# ?+2 :'+$ 4%8 +00 1'$,' ,'+ .!%++'.-'6'2%-$ +$#*29 $*#0+$,%$ $ ' $,0 *-$#%'-05 080 %#0 :#%2$'2%!!8 '-7'+';!0'+'-20 $,0 %$$0-$' -2%-- $'+'-.10 $,04 *$' ,0 +%40 0E:0#$ 4'.,$',1 % !%40-$%9 ;!0 !%23 6 %;'!'$8 $ '- $0 $,0 0++0-$'%! 60%$*#0+ '-' $,0 +$8!0 6 5#0++ 1 #-' ;8 % 1 4%-' 0 +00 1,%$ 10 0E:02$ $ ' +00' $ ' -0 404 #8 '+ + ' !%#.0!8 50:0-50-$ *: -' %++ 2'%9 $' -' $,%$,'+ %;'!'$8 1'!! !'0 0+:02'%!!8 '-' $, +0 6'0!5+' '-' 1,'2,' ,0 %!#0%58 : ++0++0+ % #'2,'6*-5 6 4%$0#'%! 1'$,' 1,'2,' $ ' %++ 2'%$0 $,0 -01' 6%2$' -' % +0-+0 -0 0E:0#'0-20' 1,%$,0 ,%+ %++'4'!%$05 %-5 $,0#06 #0 #0404;0#+' %-5 3- 1+' 50$0#4'-0+' 1,%$,0 +,%!! +00 %-5 #09 404;0#' %-5 , 1' ,0 +,%!! &*5.0'%-5 1'!! ,*+' $,0 0#;%#$'%-' R'2 -$0-$'S' $,0 #8 6 4'-5 ,%+' %$!0%+$'-' $,0 4%'-' 2 -+$'$*$05' $,0 : '-$ 6 7'01' 6 4 50#-' :+82, ! .8 50%+' # %$ %-8 #%$0 $,0 :,8+' ! .'2%!' :# 20++0+ 1'$,' 1,'2,' +:02'6'2 '50%+' %#0 %++ 2'%$05' %#0 2 -9 20'705 $ ' ;0 $,0 6 #20+' '- 40-$%! %2$'7'$8 ' 1 1,'!0 $,0 %220:$%-20 6 $,0 6%2*!$8 $,0 #8 ' %+ 1%+ +%'5 5 0+ - $ -020++%#'!8 '-7 !70 $,0 %220:$%-20 6 $,0 '50% $,%$ $,0#0 '+ % .0-0#%! 06602$ 6# 4 +:02'6'2 $#%'-'-.''$+ #0&02$' -' 5 0+ . ' 6%# $ 1%#5 5'+2#05'$'-.' +*2,' %-' 06602$' %$!0%+$ %+ 4%'-$%'-05 ;8 $,0 0E$#040 5'+2':!'-%9 #'%-+' 0#;%#$ %-5 $,0 0#;%#$'%-+ ,%70 %!1%8+ +*; #5'-%$05 5'+2':!'-0 $ ' $,0 2 -$0-$ 6 '-+$#*2$' -' %-5 0'$,0# 50-'05 $,0 '50% 6 % .0-0#%! 6 #4%! 5'+2':!'-0 # #0.%#505 '$ '+ :#:0#!8 % 40#0'-2'50-$'-' '-+$#*2$' -' 19 070#' + ' 6%# %+ 2 -20#-+' $,0 2 *#+0 6 +$*58 0#;%#$,'4+0!6 7%!*05'+' ,'.,!8 -'%22 *-$ 6 $,0'# 2 -$0-$ 4%$,04%$'2+ %-5 $,0 2!%++'2+ $,0 5060-50#+ 6 1,'2,' ,%70 4%50 0+:02'%! *+0 6 $,0 5'+2':!'-%#8 %#.*40-$'$,%$,'+ :+89 2, ! .8 6 '-+$#*2$' -' ,%+ -$;00-' %2$'70!8 04:! 805 $ ' 5'+! 5.0 6# 4'$,0 2*##'2*!*4'$,%$ 1,'2,' 1%+ .0-0#%!!8 #0.%#505 %+ ,%7'-.':#'-9 2':%!!8 5'+2':!'-%#8 7%!*0 ,0-'10 2 40 $ $,0 U*0+$' - 6 40$, 5 -'$,0 $,0# ,%-5 ,'+ 6 !! 10#+ ,%70 '-' $,0'# 5070! :40-$ 6 ,'+ +$0:+ 6 '-+$#*2$' -'%-5 ,'+ - $' -+ 6 2 ##0!%9 $' -2 -+$%-$!8 04:,%+'G05 $,0 2 -$0-$'%-5 +*; #5'-%$05 0-$'#0!8 $,0 6 #4 6 '-+$#*2$' - $ ' '$+ +*;+$%-20 0#;0#$:0-20#' '-' 4%'-9 $%'-'-.$,%$ - ' +*;&02$ +, *!5 ;0 $%*.,$ 6 # '$+ 5'+2':!'-%#8 066 02$ %! -0 ;*$ $,%$ $,'+ +, *!5 ;0 40#0!8 '-2'50-$%! ' ,%+ 6%!!0-' '-' 1'$,' $,0 :%++'70 %$$'$*50 $,%$ $,0 6 !! 10#+ 6 0#;%#$,%70 ;00-' 1 -$ $ ' %++*40 -' $,'+ U*0+$' -

-' #020-$ 80%#+ $,0 '++*0 ,%+ %.%'-'2 40 $ ' $,0 6# -$ 6 # 7%#' *+ #0%+ -+' $1 ' 6 1,'2,' 4%8 ;0 40-$' -05 4 #0 +:02'6'2%!!8 -' $,0 6'#+$:!%20 $,0 +$#*..!0 %4 -.' +*;&02$+ 6 +$*58 ,%+ 2%*+05 $,0 7%#' *+ %#.*40-$+ %57%-205 6 # 0%2,' $ ' ;0 +2%--05 4 #0 2#'$'9 2%!!8 1'$,' $,0 #0+*!$ $,%$ $,0 '-502'+'70-0++ 6 $,0 %#.*40-$ 6# 4 6 #4%! 5'+2':!'-0 ,%+ ;02 40 4 #0 %::%#0-$' '-20 %!! +*;&02$+ +004 %;!0 $ ' *+0 '$ 0U*%!!8 10!!' '$ $0-5+$ ' ;0 %;%-5 -05 ;8 +*2,' %+ 2%-'04:! 8 4 #0 066029 $'70 10%: -+' -' $,0 +02 -5 :!%20 1'$,' $,0 #'+0 6 :+82, ! .'2%!' 0E:0#'40-$%$' -' %-5 '$+ %::!'2%$' -' $ ' 05*2%$' -%!' :# ;!04+' $,0 U*0+9 $' -' 6 .0-0#%!' 5'+2':!'-%#8 066 02$+ ,%+ :#0+0-$05 '$+0!6 %+ -0 :# ;!04 6 .#0%$' '4: #$%-20 %220++';!0 $ ' $,0 -01' 40$, 5+' ,'+ 0E:0#'9 40-$%$' -' ,%+ .'70-' $ ' $,0 - $' -' 6 6 #4%! 5'+2':!'-0 $,0 +070#0+$;! 1' $,%$ '$' + ' 6%# +*660#05 ,0 0E:0#'40-$+ ;0%#'-.' -' $,0 +*;&02$' 4%8 ;0 #.%-'G05 *-50# $,0 6 !! 1'-.' ,0%5'-.' ,0+0 %#0 H F $,0 066 02$' 6 $#%'-9 '-.' 20#$%'-' 4*+2!0+ %-5 +0-+ #8 +*#6%20+ *: -' ;'!%$0#%!!8 +84 40$#'2%! -0+< H F $,0 066 02$' 6 +:02'%! $#%'-'-.' -' $,0 .0-0#%! %22*#%28 %-5 #%:'5'$8 4 * 6 5'+2#'4'-%$' -+ # 0+$'4%$0+ 4%50 ;8 $,0 +0-0+ # H F 6 4 $ # %5&*+$9 40-$+< # H2F 6 404 #'G'-.< HJF $,0 066 02$' 6 +:02'%! ,%;'$+ -' .0-0#%! ;0,%7' # >' +' 0%#!8 %+ >)Q)' !34%--'6 *-5 $,%$ $#%'-'-.' $,0 !06$ %#4 $ ' 5'+2#'4'-%$0 $ *2,0+ $,%$ %#0 +' 2! +0 %+ %$ 6'#+$ $ ' ;0 60!$ %+ -0 '4:# 705 + 401,%$ %!$, *.,' -' $ 0U*%!!8 ' $,0 : 10# 6 $,0 #'.,$ %#4 '-' +*2,' 5'+2#'4'-%$' - E:0#'40-$+ #0: #$05 '-' K ' .0 6 !+' N ' %-5 L' %-5 '-' ' .0 ' $ ' $,0 + !((' " $6 ' >J' -5'2%$0 $,%$ '4:# 7040-$ $,# *.,' $#%'-'-.' :'-' $,0 .#':' 6 -0 %#4 ' # '-' '$+ : 10# $ ' !'6$ % 10'.,$' # $

+$#'30ʻ %ʻ $%#.0$ʻ %22*#%$0!8ʻ 1'$,ʻ %ʻ 6 '!ʻ #ʻ $ ʻ ,'$ %ʻ 5 $ʻ #0+*!$+ʻ '-ʻ + 4 0ʻ '4 :# 7040-$ʻ '-ʻ $,0ʻ : 10# 6ʻ $,0ʻ $,0# %#4ʻ $ʻ 5 ʻ $,0ʻ +%4 0ʻ $,'-.+ ʻ H%Fʻ ,0ʻ 0E:0#'40-$+ʻ 6ʻ , #-5'30ʻ %-5ʻ 51 #$,ʻ #0: #$05ʻ '-ʻ + :((ʻ " $6ʻ !ʻ ʻ +, 105ʻ $,%$ʻ $#%'-'-.ʻ '-ʻ 5'+2#'49 '-%$'-.ʻ 1 #5+ʻ 2 -$%'-'-.ʻ $,0ʻ !0$$0#+ʻ ʻ %-5ʻ ʻ ;# *.,$ʻ % !'$$!0ʻ '4 :# 7040-$ʻ '-ʻ $,0ʻ #%:'5'$8ʻ 6ʻ 5'+2#'4'-%$'-.ʻ 1 #5+ʻ 2 -$%'-'-.ʻ ʻ %-5ʻ 6ʻ 0$2ʻ #ʻ 4'++:0!!05ʻ 1 #5+ʻ #ʻ $,0ʻ !0$$0#ʻ ʻ '-ʻ % !'+$ 6ʻ !0$$0#+ʻ 22*#%28ʻ 1%+ʻ %!+ʻ ʻ '4 :# 705ʻ ;*$ʻ $ʻ %!0++0# 50.#00ʻ #%'-'-.ʻ'-ʻ5'+2#'4'-%$9 '-.ʻ -.!'+,ʻ 70#;+ʻ;# *.,$ʻ%+2%#20!8ʻ:0#20:$';!0ʻ '-2#0%+0ʻ '-ʻ $,0ʻ %;'!'$8ʻ $ʻ 5'+2#'4'-%$0ʻ U*'23!8ʻ $,0# :%#$+ʻ 6ʻ +:002,ʻ #0 70#ʻ'$ʻ:# 5*205ʻ %ʻ $0-50-28ʻ $ 1%#5ʻ 4'$$'-.ʻ$ʻ- $0ʻ 4%-8ʻ'-9 +$%-20+ʻ 6ʻ$,0ʻ1 #5ʻ$ʻ;0ʻ 4%#305ʻ ,0ʻ5070!9 :40-$ʻ$,# *.,ʻ:#%2$'20ʻ 6ʻ$,0ʻ: 10# $ʻ0+$'9 4%$0ʻ;8ʻ$,0ʻ080ʻ$,0ʻ%#0%+ʻ 6ʻ20#$%'-ʻ#02$%-.!0+ʻ '4:# 705ʻ2 -+'50#%;!8ʻ$,0ʻ: 10# $ʻ0+$'4%$0ʻ $,0ʻ%#0%+ʻ 6ʻ#02$%-.!0+ʻ$,%$ʻ 10#0ʻ5'660#0-$ʻ0'$,0# '-ʻ+'G0ʻ #+,%:0ʻ #;$,ʻ ʻ$ ʻ$,0ʻ: 10# $ʻ 0+$'4%$0ʻ ,0%7'0# 10'.,$+ʻ %22*#%$0!8ʻ 1%+ʻ '49 :# 705ʻ;8ʻ:#%2$'20ʻ1'$,ʻ!'.,$0# -0+ ;*$ʻ$#%'-9 '-.ʻ'-ʻ0+$'4%$'-.ʻ$,0ʻ!0-.$,ʻ 6ʻ!'-0+ʻ5'5ʻ- $ '-7%#'%;!8ʻ#0+*!$ʻ'-ʻ% .%'-ʻ'-ʻ: 10#$ʻ0+$'4%$0ʻ ! -.0# #+,#$0# -0+ʻ 70#%-5ʻ -.0!!ʻ#09 :#$ʻ'-ʻ$,0ʻ (ʻC 0 ʻ /'+ !(!'6 # >PKL'$,%$ʻ$#%'-'-.ʻ'-ʻ$ -0ʻ5'+2#'4'-%$' -ʻ '49 :# 705ʻ$,0ʻ: 10#$ʻ5'+2#'4'-%$0ʻ+,%50+ʻ 6ʻ2 ! # H F (*55ʻ.'70+ʻ%-ʻ%22 *-$ʻ!.,0ʻ 0(ʻ " $ʻ 6ʻ(*-0ʻ>PK)ʻ 6ʻ%-ʻ0E:0#'40-$'ʻ-4 $ # %5&*+$40-$ʻ ,0ʻ%++'+$%-$ʻ '-ʻ$,0ʻ0E:0#'40-$ 1%+ʻ:!%205ʻ+ʻ$,%$ʻ,0ʻ2 *!5ʻ- $ʻ+00ʻ -0ʻ 6ʻ,'+ʻ %#4+ʻ 0#$%'-ʻ!'-0+ʻ 10#0ʻ$,0-ʻ0E: +05ʻ$ʻ,'+ʻ 7'+'-ʻ 4 40-$%#'!8ʻ%-5ʻ,0ʻ 1%+ʻ #0U*'#05ʻ$ʻ :!%20ʻ% :0-2'!ʻ,0!5ʻ'-ʻ$,0ʻ2 -H_0%!05ʻ,%-5ʻ'-ʻ $,0ʻ+%40ʻ5'#02$'-ʻ%+ʻ 0%2,ʻ!'-0ʻ 6$0# $0+$ 0E:0#'40-$+ʻ ,0ʻ 1%+ʻ %!! 105ʻ$ʻ ;+0#70ʻ -0ʻ !'-0ʻ 4 #0ʻ2! +0!8ʻ ,0ʻ #0+*!$ʻ 1%+ʻ$,%$ʻ,0ʻ 2%40ʻ$ʻ:!%20ʻ$,0ʻ:0-2'!ʻ 4 #0ʻ%22*#%$0!8ʻ$,%-ʻ %$ʻ 6'#+$ʻ ,0-ʻ %.%'-ʻ $,0ʻ $0+$ +0#'0+ʻ 1%+ʻ 0E: +05ʻ '$ʻ 1%+ʻ 6 *-5ʻ$,%$ʻ 0## #+ʻ+'4'!%# $ʻ $, +0ʻ #'.'-%!!8ʻ 4%50ʻ'-ʻ$,0ʻ:#%2$'20ʻ!'-0ʻ 10#0ʻ !0++0-05ʻ ## #+ʻ 6ʻ $,0ʻ : :+'$0ʻ +#$ 10#0ʻ '-2#0%+05ʻ #0 70#ʻ$,0ʻ 6*!!0## 0E: +*#0ʻ 6ʻ -0ʻ 6ʻ$,'+ʻ+02 -5ʻ2!%++ʻ 6ʻ0## -0 *+!8ʻ#0:#09 +0-$05ʻ!'-0+ʻ6%'!05ʻ$ʻ#0+*!$ʻ'-ʻ%-8ʻ'4:# 7040-$ʻ '-ʻ$,0ʻ:!%2'-.ʻ 6ʻ$,0ʻ:0-2'!ʻ E:0#'40-$+ʻ -ʻ .0 40$#'2%!ʻ '!!*+' -ʻ +, 1ʻ $,%$ʻ 1,0-ʻ ;8ʻ :#%2$'20ʻ%-ʻ'!!*+' -ʻ'+ʻ2 ##02$05ʻ$,0ʻ2 ##02$' -ʻ 6ʻ$,0ʻ : :+05ʻ'!!*+' -ʻ'+ʻ-$0#60#05ʻ 1'$,ʻ:# 9 7'505ʻ$,0ʻ0E:0#'40-$0#' +ʻ -ʻ $%1%#0ʻ 6ʻ,'+ʻ 2 ##02$' -+ʻ%-5ʻ$,0'#0%+ -+ʻ ,0-ʻ, 1070#ʻ +*2,ʻ3- 1!05.0ʻ0E'+$+ʻ$,0ʻ2 ##02$' -ʻ'+ʻ- $ʻ ,'-50#05ʻ;*$ʻ,0!:05ʻ;8ʻ$,0ʻ:#%2$'20 0#.+$# 4ʻ#0: #$05ʻ'-ʻ$,0ʻ (ʻC 0 ʻ /'+ !(!6 ! ʻ %-ʻ0E:0#'40-$'-ʻ+ #$9 '-.ʻ 2%#5+ʻ ,0-ʻ ;8ʻ :#%2$'20ʻ$,0ʻ+:005ʻ 6ʻ + #$'-.ʻ ,%5ʻ ;0H -ʻ '4:# 705ʻ$,0ʻ0E:0#'40-$0# $#'05ʻ'-$0#2,%-.'-.ʻ$,0ʻ: +'$' -+ʻ 6ʻ$,0ʻ:'!0+ʻ 6ʻ$,0ʻ7%#' *+ʻ3'-5+ʻ 6ʻ2%#5+ʻ = ,0ʻ#0+*!$ʻ1%+ʻ +! 10#+ #$'-.ʻ$,%-'!'-ʻ$,0ʻ #'.'-%!ʻ $#'%!ʻ -9 $'-*05ʻ:#%2$'20ʻ '-ʻ '-$0#2,%-.'-.ʻ: +'$' -+ʻ , 1070#ʻ6%2'!'$%$05ʻ$,0ʻ+,'6$'-.ʻ6# 4ʻ -0ʻ$ʻ$,0 $,0#ʻ ,'+ʻ #0+*!$ʻ 1%+ʻ %!+ʻ ;# *.,$ʻ *$;8ʻ ''-+$0#;0#.ʻ1, ʻ :!%205ʻ$1 ʻ'-310!!+ʻ -ʻ ,'+ʻ 50+3ʻ -0ʻ6*!!ʻ$,0ʻ $,0# 04 :$8ʻ %7'-.ʻ%29 2*+$ 405ʻ,'4+0!6$ʻ$,0ʻ6*!!ʻ -0'-ʻ -0ʻ: +'$' -ʻ ,0ʻ'-$0#2,%-.05ʻ$,04ʻ1'$,ʻ$,0ʻ#0+*!$ʻ$,%$ʻ$,0ʻ :0-ʻ 1%+ʻ6 #%$'40 2 -$'-*%!!8ʻ$,#*+$ʻ'-$ʻ$,0ʻ 04:$8ʻ 10!!ʻ -ʻ$,'+ʻ%-5ʻ+'4'!%# 0E:0#'40-$+ʻ ''-+$0#;0#.ʻ6 *-5ʻ$,%$ʻ :#%2$'20ʻ'-ʻ+,'6$'-.ʻ '4:# 705ʻ$,0ʻ: 10#$ʻ2,%-.0ʻ6# 4ʻ -0ʻ,%;'$ʻ$,0ʻ $,0# ʻ ''-+$0#;0#.ʻ0E:0#'40-$'+ʻ50$%'!05ʻ '-ʻ3 0 6ʻ 0'!ʻ ʻ 8 6ʻ 06$ʻ M %'#0: #$05ʻ'-ʻ - .#%:,ʻ *::!040-$ʻ ʻ >Pʻ 6ʻ$,0ʻ + !((ʻ " $ʻ 0E:0#'40-$+ʻ 1'$,ʻ% $8:01#'$0# 8ʻ *+'-.ʻ4 7%;!0ʻ2%:+ʻ 6 #$,0ʻ308+ʻ,0ʻ2,%-.05ʻ$,0ʻ!0$$0#0:#0+0-$05ʻ ;8ʻ%-8ʻ -0ʻ%$ʻ 1'!!ʻ #%2$'20ʻ'-ʻ2 :8'-.ʻ!'+$+ʻ 2 -$%'-'-.ʻ -!8ʻ+'E 5'+$'-2$!0$$0#+ʻ'-2#0%+05ʻ $,0ʻ : 10#$ʻ2 :8ʻ!'+$+ʻ2 -$%'-'-.ʻ+'E 5'660#0-$ʻ !0$$0#+ʻ -ʻ$,'+ʻ0E:0#'40-$ʻ$,0ʻ2,%-.0ʻ'-ʻ$,0ʻ !0$$0#+ʻ#0:#0+0-$05ʻ;8ʻ$,0ʻ308+ʻ5'5ʻ4*2,ʻ$ʻ#09 4 70ʻ%-8ʻ%57%-$%.0ʻ 6ʻ6%4'!'%#'$8ʻ 1'$,ʻ $,0ʻ 4%2,'-0ʻ %'# %!+ʻ 6 *-5ʻ$,%$ʻ :#%2$'20ʻ'-ʻ #0:0%$'-.ʻ$,0ʻ%!:,%;0$ʻ 1'$,ʻ$,0ʻ!0$$0#ʻ'+: 30-ʻ %$0#0%2,'!0$$0#'-2#0%+05ʻ$,0ʻ: 10#$ʻ#0:0%$'$ʻ 1'$,ʻ$,0ʻ!0$$0#ʻ #$,0ʻ!0$$0#ʻ$,*+'-$# 5*205 H2Fʻ # 60++ #(%40+ʻ:*;!'+,05ʻ'-ʻ !ʻ ʻ 6ʻ$,0ʻ + !((ʻ " $ʻ$,0ʻ#0+*!$+ʻ 6ʻ20#$%'-ʻ0E9 :0#'40-$+ʻ -ʻ 404 #8ʻ 0ʻ6 *-5ʻ$,%$ʻ:#%29 $'20ʻ'-ʻ2 4 4'$$'-.ʻ$ʻ 404 #8ʻ20#$%'-ʻ70#+0+ʻ 6ʻ + ʻ ʻ 5'5ʻ- $ʻ'4:# 70ʻ,'+ʻ :10# $ʻ 404 #'G0ʻ$,0# 70#+0+ʻ -ʻ,'+ʻ2%+0ʻ$,0#0ʻ1%+ʻ%+!'.,$ʻ! ++ʻ 1'-.ʻ: ++';!8ʻ$ʻ6%$'.*0ʻ '$,ʻ $,0# 0E:0#'40-$0#+$,0#0ʻ1%+ʻ-'+'.-'6'2%-$'.%'-ʻ # ! ++ʻ ;0#$ʻ%-5ʻ 0*4%-ʻ :#%2$'205ʻ2 49 4'$$'-.ʻ$ʻ 404 #8ʻ --+0-+0ʻ+8!!%;!0+ʻ-ʻ$'-.ʻ $,0ʻ40$,ʻ5ʻ6!0%#-'-.ʻ$,04ʻ$,%$ʻ+00405ʻ4 +$ʻ 02 - 4'2%!ʻ ,08ʻ$0+$05ʻ$,0ʻ 06602$+ʻ*:-ʻ$,0ʻ : 10#$ʻ!0%#-'+0#'0+ʻ 6ʻ $,0# - -+0-+0ʻ+8!!%;!0+ʻ !0$$0#+ʻ 1#5+ʻ%-5ʻ!'-0+ʻ 6ʻ: 0$#8ʻ #ʻ:+0ʻ 4:# 7040-$ʻ1%+ʻ-ʻ $05ʻ$,%$ʻ'-ʻ% .0-0#%!ʻ1%8ʻ 1%+ʻ:# : #$' -%!ʻ$ʻ$,0ʻ+'4'!%#'$8ʻ 6ʻ$0+$ʻ4%9 $0#'%!ʻ 1'$,ʻ$,0ʻ :#%2$'20ʻ 4%$0#'%!ʻ ,0'# #09 +*!$+ʻ%#0ʻ:*;!'+,05ʻ'-ʻ (ʻ/0ʻ ʻ ʻ + !((6ʻ ! ʻ #ʻ #%230# .'70+ʻ'-ʻ + !((ʻ " $6ʻ - .#%:,ʻ *::!040-$'ʻ !ʻ W ʻ N'$,0ʻ#0+*!$+ʻ 6ʻ:#%2$'20ʻ'-ʻ#09 404;0#'-.ʻ$,0ʻ #50# 6ʻ6 *#$ -0+ʻ 0ʻ6 *-5ʻ $,%$ʻ'$ʻ'4:# 705ʻ$,0ʻ: 10#$ʻ#0404;0#': 0$#8ʻ $,0ʻ #50# 6ʻ6 *#+,%50+ʻ 6ʻ.#%8ʻ 6ʻ-'-0ʻ$ -0+ʻ 6ʻ-'-0ʻ+,%50+ʻ 6ʻ.#%8ʻ 6ʻ-'-0ʻ.0 40$#'2%!ʻ 6'.*#0+ʻ 6ʻ-'-0ʻ-*4;0#+ʻ%-5ʻ 6ʻ$,0ʻ 0E$0-$ʻ 6ʻ %#4ʻ4 7040-$+ʻ -$# +:02$ʻ -'-5'2%$05ʻ$,%$ʻ $,0ʻ'4:# 7040-$ʻ1%+ʻ5*0ʻ$ʻ$,0ʻ5070! :40-$ʻ %-5ʻ4%+$0#8ʻ 6ʻ% +2,040ʻ 6ʻ'4%.0#8ʻ;8ʻ1,'2,ʻ $,0ʻ+0#'0+ʻ 4'.,$ʻ ;0ʻ ,0!5ʻ $.0$,0#ʻ '-2,ʻ 0E:0#'40-$05ʻ 1'$,ʻ #'$'+,ʻ +2, !ʻ 2,'!5#0-ʻ #0: #$'-.ʻ,'+ʻ 1 #3ʻ'-ʻ !ʻ ʻ 6ʻ$,0ʻ 8 ʻ C 0 ʻ /'+ !(!%ʻ 6$0#ʻ;0'-.ʻ$0+$05ʻ'-ʻ : 10#$ʻ404#'G0ʻ%ʻ2!%++ʻ 1%+ʻ5'7'505ʻ'-$ʻ $1ʻ+02$'-+ʻ 6ʻ0U*%!ʻ%;'!'$8ʻ -0ʻ1%+ʻ.'70-ʻ :#%2$'20ʻ'-ʻ2 44'$$'-.ʻ$ʻ 404 #8ʻ □□ʻ!'-0+ʻ 6ʻ: 0$#8<%+02 -5ʻ$0+$#070%!05ʻ$,%$ʻ%+ʻ%#0+*!$ʻ 6ʻ'$+ʻ:#%2$'20ʻ'$+, 105ʻ$0-ʻ:0#'20-$ʻ4 #0ʻ.%'-ʻ '-ʻ: 10#$,%-ʻ$,0ʻ $,0# +02$' - J ʻ %.!08ʻ'-ʻ,'+ʻ 0(ʻ+ (6ʻ ,ʻW

$0!!+ʼ 6ʼ%-ʼ0E:0#'40-$ʼ'-ʼ1,'2,ʼ+2, !ʼ2,'!5#0-ʼ
10#0ʼ$#%'-05ʼ$ʼ;0ʼ-0%$ʼ'-ʼ%#'$,40$'2ʼ:%:0#+ʼ
,08ʼ+, 105ʼ-ʼ$0-50-28ʼ$ʼʼ'4:# 70ʼ$,0ʼ-0%$9
-0+ʼ 6ʼ:%:0#+ʼ1#'$$0-ʼ'-ʼ2--02$' -ʼ1'$,ʼ $,0#
+*;&02$+

-ʼ2 4:%#'-.ʼ$,0ʼ2 -2!*+' -+ʼ 6ʼ$,0+0ʼ0E9
:0#'40-$+ʼ%+*;+$%-$'%!ʼ*-%-'4'$8ʼ 6ʼ :'-' -ʼ
'+ʼ%:'%#0-$ʼ $ʼ'+ʼ%.#005ʼ$,%$ʼ1,0#070# :#%29
$'20ʼ'-ʼ -0ʼ0E0#2'+0ʼ!0%5+ʼ$ʼʼ'4:# 7040-$ʼ'-ʼ
%- $,0#ʼ20#$%'-ʼ+:02'6'2ʼ0!040-$+ʼ'-ʼ; $,ʼ%#0ʼ
'50-$'2%!ʼ %-5ʼ 2%!!ʼ 6 #$,ʼ '50-$'2%!ʼ #0+: -+0+ʼ
1,'2,ʼ:# 4 $0ʼ+*220++ʼ'-ʼ; $,ʼ0E0#2'+0+ʼ -ʼ
$,0ʼ2%+0ʼ 6ʼ$,0ʼ;'!%$0#%!!8ʼ+84 40$#'2%!ʼ #.%-+ʼ
$,0ʼ4 7040-$+ʼ # 5'+2#'4'-%$' -+ʼ$0+$05ʼ10#0ʼ
'50-$'2%!ʼ '-ʼ 2,%#%2$0#ʼ ,'+ʼ%-5ʼ$,0ʼ2! +0ʼ
:,8+'!.'2%!ʼ 2--02$'-ʼ 6ʼ$,0ʼ$1ʼ:%#$+ʼ
$,# *.,ʼ$,0ʼ-0#7*+ʼ+8+$04ʼ4%50ʼ70#8ʼ0E9
$0-+'70ʼ$#%-+60#0-20ʼ 6ʼ%2U*'#05ʼ: 10# '-07'9
$%;!0ʼ # 4ʼ$,0'#0E:0#'40-$+ʼ'-ʼ ;+0#7%$'-ʼ
%-5ʼ0+$'4%$0ʼ , #-5'30ʼ%-5ʼ 51 #$,ʼ- $0ʼ
$,0ʼ$#%-+60#0-20ʼ 6ʼ+*2,ʼ: 10#+ʼ%+ʼ+:#'-.'6# 4
H F ?ʼ'50%+ʼ 6ʼ40$,5ʼ # 6ʼ.0-0#%!ʼ*$'!'$8ʼS'
%2U*'#05ʼ$,# *.,ʼ$#%'-'-.ʼ+*2,ʼ%+ʼ$,0ʼ3-1!9
05.0ʼ$,%$ -0ʼ,%+ʼ% $0-50-28ʼ$ʼ 70#0+$'4%$0ʼ
%!ʼ%#0%+ʼ%-5ʼ+, *!5ʼ4%30ʼ%-ʼ%!! 1%-20ʼ6 #'$<
H F R'6%2'!'$8ʼ1'$,ʼ20#$%'-ʼ0!040-$+ʼ$,%$ʼ%:9
:0%#05ʼ'-ʼ4%-8ʼ $,0#ʼ2 4:!0E0+S'+*2,ʼ%+ʼ'-9
2#0%+0ʼ'-ʼ$,0ʼ+:005ʼ 6ʼ080ʼ4 7040-$+ʼ 70#
%-5ʼ -.0!!ʼ 04:,%+'G0ʼ$,0ʼ.%'-ʼ'-ʼ: 10# 6ʼ
2 -20-$#%$'-.ʼ%$$0-$' -ʼ;8ʼ0!'4'-%$'-.ʼR'+*09
!0+ʼ3'-+0+$,0$'2'%2 *+$'2'%-5ʼ4 #%22 4:%-'9
40-$+ʼ 6ʼ#02 .-'$' -S' *2,ʼ5'+$#%2$'-.ʼ0!09
40-$+ʼ%::0%# 1,0-ʼ$,0ʼ+$#%'-ʼ -ʼ%$$0-$' -ʼ'+ʼ
+070#0ʼ%-5ʼ%;'!'$8ʼ $ʼ +*:#0++ʼ $,04ʼ 4%8ʼ
-.0 ʼ$,'-3+ʼ0-,%-20ʼ$,0ʼ: 10# 6ʼ2 -20-$#%9
$' -ʼ -ʼ% 7%#'0$8ʼ 6ʼ5'66'2*!$ $%+3+ʼ'-ʼ !'60ʼ
60++ # (%40+ʼ502!%#0+ʼ$,%$ʼ%!ʼ.0-0#%!ʼ'49
:# 7040-$ʼ'-ʼ 404 #8ʼ%#'+0+ʼ 6# 4ʼ'4:# 709
40-$'-ʼ$,0ʼ40$, 5+ʼ 6ʼ404 #'G'-.ʼ -0ʼ4%8ʼ
%22 *-$ʼ 6 #ʼ ,'+ʼ 1-ʼ6%'!*#0ʼ$ʼ+, 1ʼ$#%-+9
60#0-20ʼ;8ʼ+*::+'-.ʼ$,%$,0ʼ,%5'%!#0%58ʼ
4%+$0#05ʼ,'+ʼ.0-0#%!ʼ 40$, 5ʼ 6ʼ2 4 4'$$'-.ʼ
$ʼ 404 #8ʼ%-5ʼ$,%$ʼ:%#$'2*!%#'4:# 7040-$ʼ
1%+ʼ'-ʼ,'+ʼ2%+0ʼ5*0ʼ$ʼ 40$, 5+ʼ$,%$ʼ2 *!5ʼ;0ʼ
%::!'05ʼ -!8ʼ$ʼ$,0ʼ:#%2$'20ʼ 4%$0#'%!ʼ ,0ʼ
+2, !ʼ2,'!5#0-ʼ'-ʼ$,0ʼ0E:0#'40-$ʼ 6ʼ '-2,ʼ
+, 1ʼ$,0ʼ2 -70#+0ʼ2%+0ʼ 6ʼ!'$$!0ʼ0E:0#'0-20ʼ
'-ʼ404 #'G'-.ʼ%-5ʼ2 -+0U*0-$ʼ.#0%$ʼ'4:# 709
40-$'-ʼ.0-0#%!ʼ40$, 5+ʼ ;0#$%-5ʼ 0*4%-ʼ
:#%2$'2%!!8ʼ%.#00ʼ1'$,ʼ(%40+ʼ ,08ʼ$#%20ʼ$,0ʼ
'4:# 7040-$ʼ'-ʼ 404 #'G'-.ʼ+, 1-ʼ'-ʼ$,0'#
0E:0#'40-$+ʼ$ʼ$,0ʼ.#%5*%!ʼ5'+2 70#8ʼ;8ʼ0%2,ʼ
6ʼ1,%$ʼ1%+ʼ$ʼ,'4ʼ$,0ʼ4 +$ 066'2'0-$ʼ40$, 5ʼ
6ʼ404 #'G'-.ʼ%-5ʼ$,0ʼ.#%5*%!ʼ0!'4'-%$' -ʼ 6ʼ
$,0#ʼ 40$, 5+ʼ #%230#ʼ6'-5+ʼ$,%$ʼ$,0ʼ'49
:# 7040-$ʼ'-ʼ 40$, 5ʼ'+ʼ5*0ʼ$ʼR'$,0ʼ2 -+'+9
$0-$ʼ *+0ʼ 6ʼ+ 40ʼ6#4ʼ 6ʼ'4%.0#8S'1,'2,ʼ
+0#70+ʼ%+ʼ%ʼ+2,040ʼ6#, !5'-.ʼ$,0ʼ%$$0-$'-ʼ
%-5ʼ%##%-.'-.ʼ$,0ʼ4%$0#'%!ʼ$ʼ;0ʼ#0404;0#05
,0ʼ'50-$'2%!ʼ 0!040-$+ʼ$,%$ʼ%#0ʼ$,*+ʼ5'+9
$'-.*'+,05ʼ4%8ʼ;0ʼ5'7'505ʼ'-$ʼ$1ʼ.# *:+ʼ
$,+0ʼ 6ʼ2 -$0-$ʼ%-5ʼ$,+0ʼ 6ʼ6#4ʼ +ʼ0E9
%4:!0+ʼ 6ʼ2 -$0-$ʼ0!040-$+ʼ10ʼ4%8ʼ40-$'-ʼ
+ *-5+ʼ'2 ! #+'!0$$0#+ʼ- -+0-+0ʼ+8!!%;!0+ʼ1#5+ʼ
;&02$+ʼ3'-5+ʼ 6ʼ.0 40$#'2%!ʼ6'.*#0+ʼ+$%-5%#5+

6ʼ40%+*#040-$ʼ'50%+ʼ0$2ʼ +ʼ -0ʼ.# 1+ʼ
6%4'!'%#1'$,ʼ+*2,ʼ0!040-$+ʼ$ʼ,0ʼ: 10# $ʼ#09
404;0#$,04ʼ$ʼ$%$0-5ʼ$ʼ$,04ʼ1,0-ʼ$,08ʼ
%::0%#'-ʼ-01ʼ+'$*%$' -+ʼ%-5ʼ$ʼ5ʼ1,%$ʼ$,08ʼ
+*..0+$'-2#0%+0+ʼ ,0ʼ0!040-$+ʼ6ʼ6#4ʼ4%8ʼ
;0ʼ+%'5ʼ$ʼ2 -+'+$ʼ 6ʼ$,0ʼ2,%#%2$0#'+$'2+ʼ$,%$ʼ
7%#'*+ʼ+'$*%$' -+ʼ:#0+0-$ʼ%+ʼ:# ;!04ʼ6#$,0ʼ
%$$%23'-.ʼ4'-5ʼ ,*+ʼ10ʼ#02 .-'GOʼ -0ʼ+'$9
*%$'-ʼ%+ʼ% :# ;!04ʼ 6ʼ404#'G'-.ʼ1,0#0ʼ
6# 4ʼ$,0ʼ-%$*#0ʼ 6ʼ$,0ʼ4%$0#'%!ʼ%:%#$'2*!%#
40$, 5ʼ6ʼ2 44'$$'-.ʼ$ʼ404 #8ʼ4%8ʼ;0ʼ0+9
:02'%!!8ʼ*+06*!ʼ .%'-ʼ10ʼ4%8ʼ#02 .-'GO'$,0ʼ
-005ʼ 6ʼ:%#$'2*!%# %5&*+$40-$+ʼ 6ʼ:0#20:$' -ʼ
+*2,ʼ%+ʼ080ʼ4 7040-$+ʼ1,'2,ʼ10ʼ,%70ʼ%!#0%58ʼ
:#%2$'205ʼ !!ʼ+'$*%$' -+ʼ504%-5ʼ%5&*+$40-$+ʼ
6ʼ%$$0-$ʼ-ʼ+ 40ʼ6ʼ1,'2,ʼ4%8ʼ'-7%#'%;!8ʼ;0ʼ
-020++%#8ʼ 1,'!0ʼ $,0#+ʼ 4%8ʼ+*'$ 0+:02'%!!8ʼ
+:02'6'2ʼ3'-5+ʼ 6ʼ4%$0#'%!

0ʼ ;+0#70ʼ$,%$ʼ0!040-$+ʼ 6ʼ6#4ʼ%-5ʼ0!09
40-$+ʼ6ʼ2 -$0-$ʼ%#0ʼ0U*%!!8ʼ+:02'6'2ʼ0U*%!!8ʼ
2%:%;!0ʼ 6ʼ506'-'$' -ʼ #0 70#ʼ;$,ʼ%#0ʼ
2%:%;!0ʼ 6ʼ.0-0#%!'G%$' -ʻ $,%$ʼ'+ʼ;$,ʼ4%8ʼ
%::0%#'-ʼ%7%#'0$8ʼ 6ʼ+0$$'-.+ʼ ,0ʼ:# ;!04ʼ
6ʼ.0-0#%!ʼ$#%'-'-.ʼ'+ʼ$,0-ʼU*'$0ʼ%+ʼ4*2,ʼ-0ʼ 6ʼ
5'+2':!'-0ʼ'-ʼ2 -$0-$ʼ%+ʼ'$'+ʼ 6ʼ5'+2':!'-0ʼ'-ʼ6#4ʼ
ʼ;0$$0#5'7'+' -ʼ 6ʼ40-$%!ʼ5'+2':!'-0ʼ1 *!5ʼ
8'0!5ʼ$1ʼ:,%+0+ʼ1,'2,ʼ10ʼ4%8ʼ50- 4'-%$0ʼ
+:02'6'2ʼ5'+2':!'-0ʼ%-5ʼ.0-0#%!ʼ5'+2':!'-0ʼ :09
2'6'2ʼ5'+2':!'-0ʼ2 -+'+$+ʼ'-ʼ$,0ʼ%-%!8+'+ʼ 6ʼ$,0ʼ
+:02'6'2ʼ0!040-$+ʼ1,'2,ʼ%#0ʼ6 *-5ʼ$ʼ;0ʼ502'+70ʼ
'-ʼ 50$0#4'-'-.ʼ 20#$%'-ʼ #0%2$'-+ʼ %-5ʼ $,0ʼ
:#%2$'20ʼ;8ʼ1,'2,ʼ$,0ʼ%::#:#'%$0ʼ#0%2$' -ʼ'+ʼ
4%50ʼ$,0ʼ,%;'$*%!ʼ#0+: -+0ʼ$ʼ0%2,ʼ0!040-$
$,*+ʼ5'+2#'4'-%$05ʼ 0-0#%!ʼ5'+2':!'-0ʼ2 -+'+$+ʼ
6ʼ$#%'-'-.ʼ'-ʼ$,0ʼ#02 .-'$' -ʼ 6ʼ$,0+0ʼ502'+'70ʼ
0!040-$+ʼ'-ʼ% 7%#'0$8ʼ 6ʼ+'$*%$' -+

,0ʼ+*220++6*!ʼ$#%-+60#0-20ʼ 6ʼ%-8ʼ#0+*!$ 6ʼ
:#%2$'20ʼ # 0E:0#'0-20ʼ50:0-5+ʼ *:-ʼ ;$,ʼ
$,0+0ʼ:,%+0+ʼ6ʼ5'+2':!'-0ʼ ,0ʼ6%'!*#0ʼ$ʼ$#%-+9
60# -0%$-0+ʼ6# 4ʼ%#'$,40$'2ʼ:%:0#+ʼ$ʼ $,0#+ʼ
'-ʼ %.!28¦+ʼ 0E:0#'40-$'+ʼ 5 *;$!0++ʼ 5*0ʼ$ʼ
+ 40ʼ!%23ʼ 6ʼ066'2'0-28ʼ'-ʼ; $,ʼ#0+:02$+ʼ ,0ʼ
+:02'6'2ʼ5'+2':!'-0ʼ6%'!05ʼ'-ʼ%$$%2,'-.ʼ$,0ʼ#09
%2$' -+ʼ2 --02$05ʼ1'$,ʼ-0%$-0++ʼ1'$,ʼ0!040-$+ʼ
1,'2,ʼ'-ʼ%-8ʼ+'$*%$' -ʼ 10#0ʼ0E:02$05ʼ$ʼ2%!!ʼ
6#$,ʼ$,0+0ʼ#0%2$' -+ʼ ,0ʼ+*..0+$' -ʼ 1,'2,ʼ
'-ʼ$,0ʼ:#%2$'20ʼ1%+ʼ%++ 2'%05ʼ1'$,ʼ-0%$-0++ʼ
1%+ʼ- $ʼ$,0ʼ$,'#.,$ 6ʼ%-8ʼ0E0#2'+0ʼ$ʼ;0ʼ:#09
+0-$05ʼ$ʼ$,0ʼ'-+:02$' -ʼ 6ʼ%$0%2,0#ʼ;*$ʼ#%$,0#
$,%$ 6ʼ%-ʼ%#'$,40$'2ʼ:%:0#ʼ$ʼ ;0ʼ:#0+0-$05ʼ
$ʼ$ʼ $0%2,0#ʼ $ ʼ ʼ ʼ ʼ 0#8ʼ
-%$*#%!!8ʼ1,0-ʼ%-8ʼ 6ʼ$,0+0ʼ6%2$ #+ʼ 1%+ʼ%;9
+0-$ʼ$,0ʼ2,'!5#0-ʼ6%'!05ʼ$ʼ4%30ʼ$,0ʼ#0+: -+0ʼ
1,'2,ʼ1%+ʼ%++ 2'%05ʼ1'$,ʼ$,0ʼ0-$'#0ʼ.# *:ʼ
#'6ʼ%+ʼ'+ʼ!'30!8ʼ10ʼ4%8ʼ2%!!ʼ$,0ʼ2 44%-5ʼ
6ʼ$,0ʼ$0%2,0#ʼ'-ʼU*0+$' -ʼ$,0ʼ2#'$'2%!ʼ+*..0+$9
'-.ʼ+$'4*!*+ʼ$ʼ:*$ʼ6#$,ʼ$,0ʼ066#$ʼ50+'#05ʼ
$,0-ʼ$,0ʼ#0%+ -ʼ6#$ʼ!%23ʼ 6ʼ$#%-+60#0-20ʼ
1%+ʼ$,%$ʼ$,0ʼ'50-$'2%!ʼ0!040-$ $,%$ʼ:#7 305ʼ
$,0ʼ50+'#05ʼ#0%2$' -+ʼ1%+ʼ%;+0-$ʼ6# 4ʼ%!ʼ$,0ʼ$0+$ʼ
4%$0#'%!ʼ ʼ2,'!5ʼ1 *!5ʼ;0ʼ-0%$ *-!0++ʼ$,0#0ʼ
10#0ʼ+ 40ʼ#0%+ -ʼ6#ʼ$ʼ%-5ʼ$,0#0ʼ1%+ʼ- ʼ#0%+ -ʼ
6#$,0ʼ066#$ʼ'-7!705ʼ'-ʼ2%+0+ʼ1,0#0ʼ'$ʼ1%+ʼ
- $ʼ#0U*'#05ʼ -ʼ$,0ʼ+02 -5ʼ:!%20ʼ$,0ʼ0E9
:0#'40-$ʼ'!!*+$#%$0+ʼ$,0ʼ!%23ʼ 6ʼ%-8ʼ%$$04:$

1,%$' ,0' .%'-+' $,# *.,' $*$ #'-.' # %$' +2, !' '+' ,'+' 6 #4%!' 05*2%$' -' , *+' $,0' 0-5' 6' +2, !'!'60' '+: 30-' 6'%+' $,0' 2! +0' 6'$,0' :0#' 5' 6' 6 #4%!' 05*2%$' -' ,0' +%40' 6*-5%40-$%!' 5'+$'-2$' -' '+' %!+' %: :!'05' '-' $,0' 2!%++'6'2%$' -' 6' $,0' '-6!*0-20+' 6' +2, !' !'60' '$+0!6' ,%$' $,0' :*:'!' .%'-+' $,# *.,' $,0' 5'#02$%-5'+8+$04 9 %$'2' '-+$#*2$' -' 6' $,0' 2!%++# 4' $,%$' '+' $,# *.,' $,0' +$*58' 6' $,0' +*:&02$+' 6' $,0' 2*#9 #'2*!*4' '+' ,'+' 6 #4%!' '-+$#*2$' -' %+' :: +05' $' $,0' '-2'50-$%!' '-6!*0-20+' 6' +2, !'!'60' 1,'2,' %#0' 0E0#$05' $,# *.,' $,0' + 2'%!' !'60' $,0' :!%89 .# *-5' %2$'7'$'0+' $,0' . 70#-40-$ %-5' $,0' 5'+2':!'-0' 6' $,0' +2, !

#4%!' '-+$#*2$' -' # 05*2%$' -' , 1070# 7%!*%;!0' -005+' $' ;0' +*:!0$0' +0#'0+' 6' 0E:0#'9 0-20+' 1,'!0' '$' .'70+' 4*2,' '-' %' $, # *.,!8' %22*#%$0' %-5'+8+$04%$'2' 6 #4' '$' 6#0U*0-$!8' 6%'!+' $' .'70' (' :#%2$'2%!' #.%-'G%$' -' $' 3- 1!05.0' +' $,%$' $,0' 6%2$+' %-5' :#'-2':!0+' .%'-05' %#0' 2! +0!8' %++ 2'%$05' 1'$,' %2$*%!' :# ;!04+' %-5' #50#05' +' %+' $' :# 7'50' %' :# :0#!8' 2 -$# !!05' 2 -5*2$' 1'$,' #060#0-20' $' $,04' ,0' 6 #4%!' 05*2%$' -' 6' +2, !+' '-' :%#$'2*!%#' $0-5+' $' #0+$#'2$' '$+0!6' $' $,0' '-$0!!02$*%!' !070!' 6' 2 -9 +2' *+-0+'<' $,0' +0-+';'!'$'0+' 1,'2,' 07%!*%$0' +'$*%$' -'+' %-5' $,0' +3'!!05' %2$' -'+' 1,'2,' 4 5'68' $,04' %#0' $ 6$0-' *-50#04:,%+'G05';8' 2!%++9 # 4' '-+$#*2$' -' 50#-' 05*2%$' -%!' $,0 #8' #02 .-'G0+' $,'+' $#*$,' 1,0-' '$' +*..0+$+' $,%$' $,0' 2 4:!0$0' 2*##'2*!*4' 6' $,0' +2, !' 2 -+'+$+' 6' %!!' $,0' +2, !' %2$'7'$'0+' 1,0$,0#' $,08' 22*#' -' :!%8.# *-5' #' '-' #02'$%$' -' %-5' 4 50#-' :#%2$'20' '-' !'-0' 1'$,' $,'+' ;0!'06' 0-2 *#%.0+' +*:0#7'+05' :!%8' +0!6?. 70#-40-$' %-5' 7%#' *+' 6 #4+' 6' #.%-'G05' + 2'%;'!'$8' %4 -.' 2,'!5#0-' -' %' +'4'!%#' 4%--0#' $,0' '-6!*0-20+' 6' , 40' -0'.,; #, 5' #0!'.' *+' %-5' $,0#' 4 50+' 6' '-+$'$*$' -%!' !'60' %#0' #0.%#505' %+' 5'+$'-2$!8' -020++%#8' +*::!040-$+' $' $,0' +2, !' '

00' * ' ' , ' + ' 4 ' %6 #4' '%' #'%# ' 3#* ' #4' # ' #' '%' #4' #0 # # 4' &% ' * ' #

' /' ' :# 20++' 6' $0%2,'-.' 1,'2,' 6 !! 1+' %' 4 #0' #' !0++' %#$'9 6'2'%!' #50#' #' 4%--0#' ,0'/ '/ ' ' /' (' 2 -+$'$*$0' %' 2!%++'2' '-+$%-20' 6' %6 #4%!' :# 205*#0' '-' $0%2,'-.' %-8' $,0#' 0E%4:!0+' 4'.,$' ;0' 2'$05' 0%2,'-.' $,0' %59 5'$' -' 2 4;'-%$' -+'+'-' $,0' #50#' '-' 1,'2,' $,08' %:0%#' '-' +8+$04%$'2' $%;!0+' #%$,0#' $,%-' '-' $,0' #50#' 6' $,0'# -005' '+' % 2%+0' '-' : '-$' 0%#-9 '-.' $' 404 #'G0' % : 04'!'-0' ;8'!'-0' #%$,0#' $,%-' ;8' 1, !0+' #' $, *.,$' *-'$+' '+' %- $,0#' :0!!'-.' '+ !%$05' 1 #5+' '-' !'+$+' #' 2 !*4-+' '+' % 6 #4%!' 4 50' 6' :# 205*#0' 1,0#0%+' +:0!!'-.' 1 #5+' '-' $,0' 2 -$0E$' 6' 40%-'-.6*!' +0-$0-20+' #' :%#%9

.#%:,+''+' % -%$*#%!' 40$, 5' ,0' *+0' 6' 6 #4%!' 40$, 5+' '-' $0%2,'-.' :# 205*#0' ,%+' 7%!*0' '-' .'7'-.' $,0' $0%2,0#' % !%#.0#' 2 -$# !' 6' ,'+' 1-' $0%2,'-.' $02,-'U*0' #' 6' $,0' 40-$%!' %29 $'7'$'0+' 6' 2,'!5#0-' 0.'--0#+' '-' $0%2,'-.' 6'-5' '$' 70#8' 0++0-$'%!' $ ' :# 2005';8' .'70-'+$0:+' + '%+' $ ' %7 '5' 5'66*+0-0++' -5' %!' $0%2,0#+' 6'-5' '$' *+06*!' $ ' +0:%#%$0' $,0' 4%+$0#8' 6' % +*;&02$' '-$ ' +$0:+' '-' #50#' $,%$' +:02'6'2' : '-$+' 6' 5'69 6'2*!$8' 4%8' ;0' ! 2%$05' ,*+' $,0' 6*!' 1#'$$0-' 0E:#0++' -' 6'$,0' + !*$' -' 6'%:# ;!04' '-'%#'$,9 40$'2' '+' U*'$0' *--%$*#%!' %+' 4%-8' 2%!2*!%$' -+' 2 *!5';0' :0#6 #405' 40-$%!!8' ;*$' % 6*!' 6 #4%!' +$%$040-$' '+' 7%!*%;!0' '-' #070%!'-.' $,0' 2,'!5+' 1,!0' %2$'7'$8' %-5' + ' 0E:+'-.' 0%2,' 10%39 -0++' #0U*'#'-.'2 ##02$' -' ' 0E2!*+'70' % *+0' 6' 6 #4%!' 40$, 5+' 1%+' 2,%#%2$0#'+$'2' 6' 0%#!8' ' 40#'2%-'$0%2,'-.' #0+0-$?5%8':#%2$'20' 4%30+' % #0!%$'70!8' !%#.0#' *+0' 6' !0++' 6 #4%!' %-5' $,0#09 6 #0' 4 #0' -%$*#%!' 40$, 5+' '

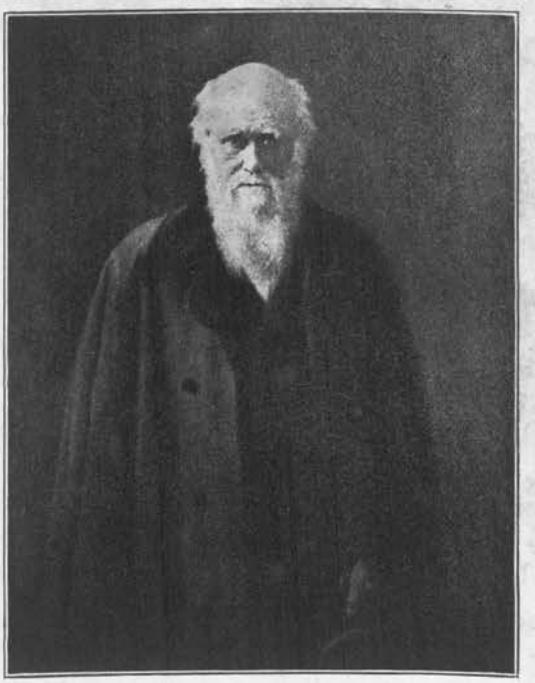
00' % % ' *' % # ' /'

' ' ' / ' 00' ' #' ') # %

' (' / ' 00' & ' %# # # ' / ' 00' # # ' , !6 : ' *' ' * ' ' , ' + ' /' & ' ' # # ' / ' 00' # # ' , !6 : ' *' ' * ' ' , ' + ' ' & ' ' # # ' / ' 00' & ' %# ' # # ' / ' 00' 3 # / %# '

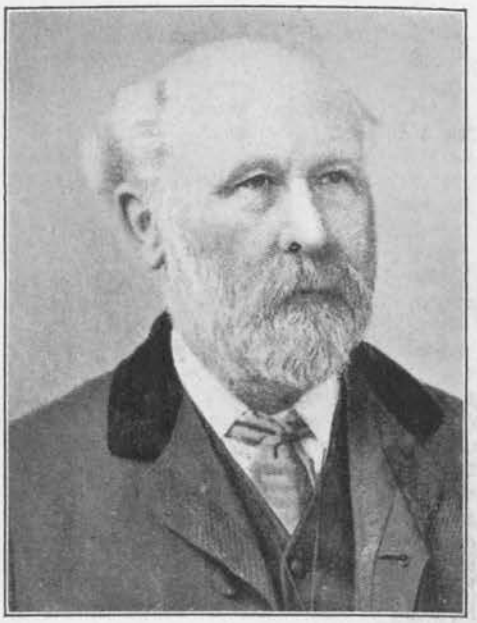
' ' ' H>)>)?>))OF' / ' -.!'+,' 05*2%$' -%!' +$%$0+4%-' 1%+' ; #-' %$' #%5:!0' #+0$' $,0' -!8' 2,'!5' 6' '!!'%4' #+$0#' (' 507 $05' %-5' 1:'52!8' $#%70!05' 4'-'+$0#' 6' $,0' 2'0$8' 6' #'0-5+' 1,' 5'05' '-' >)QM '-' %+$' 0--0++00' 1:,'!0' -' % 4'++' -' *#.'-.' $,0' %;!'$' -' 6' -0.# ' +!%70#8' %-5' 6' --%' +'+$0#' 6' '#, 4%+' 10!!' *E$ -' ,0' :0-0$#%$'-.' '-6!*0-20+' 6'%, 40' !'60' 1,'2,' 1%+' %$' -20' %*+$0#0!8' +'4:!0' 2*!$'7%$05' -%$*9 #%!' 60#70-$' *-6!'-2,'-.!8' 2 -+'+$0-$' %-5' :0#9 40%$05';8' $,0' :#%2$'2%!' '50%!'+4' 6' $,0' 2'0$8' 6' #'0-5+' 6'E05' #+$0#!+' 2,%#%2$0#' %-5' $ -0' 6' 4'-5' 4%3'-.','4'!'30' (,-' #'.,$'% $8:'9 2%!']*%30#' +$%$0+4%-' 6' $,0' b6'2$ #'%-' 0#%' ,#*., *$' ,'+' !'60' #+$0#' !'30' *+3'-' 1%+' +0-+'$'70' $' $,0' '-6!*0-20' 6' ;+0#7%-$' %-5' 2!0%#?+'.,$05' 1 40-' %-5' -070# 0U*%!!8' %$' ,'+' 0%+0' #' '-' +84:%$,8' 1'$,' $,0' 40-' 1'$,' 1, 4' ,0',%52,'06!8' $' %2$'-': !'$'2%!'%66%'#+' # *.,$' *:'-' (' #0!'.' *+' +2'0$8' '-' 1,'2,' 40-' %-5' 1 40-',%502&*%!' '-6!*0-20' ,0' -070#' %5&*+$05' ,'4+0!6' %%$0#1%#5+' $' $,0' 5'660#0-$ +$%-5%#5+' 1,'2,' :#07%'!05' '-' $, +0' 1'50#' 2'#2!0+' 6' -.?

Daniel Defoe (1659 ?–1731).
See p. 281.



Charles Darwin (1809–1882).
See p. 252.

William E. Forster (1818–1886).
See p. 647.



Sir Joshua G. Fitch (1824–1903).
See p. 617.

A Group of English Educational Leaders.

!'+,' !'60' '-' 1,'2,' $,0' 7'01+' %-5' '-$0#0+$+' 6' 40-' 10#0' $#%5'$' -%!!8' :%#%4 *-$' 0-20' '-',+' : !'$'2%!' 2%#00#' #+$0#' $, *.,' *-'70#9 +%!!8' #0+:02$05' 1%+' 2 -+$%-$!8' 4 705' $' %-' '##'$%$' -' 1,'2,' % 4 #0' +*:!0' 2,%#%2$0# 1 *!5(,%70' 2 -20%!05' ;*$ 1,'2,',' -%$'70' %131%#59 -0++' 6' 4%--0# #0-50#05' 2 -+:'2* *+' '+' :%++' -' 6 # :*;!'2' %66%'#+' !'30',+' 6%$,0#+' 4'+9 +' -%#8' G0%!' 1%+' 6#00' 6# 4' %-8' ;%+0' $%'-$ 6' 7%-'$8' # +0!6?'-$0#0+$'%-5' +:#%-.' 6# 4' %-' '-9 $0-+0' 50+'#0' $' .*'50' :*;!'2' : !'28' ;8' 1,%$',0' ;0!'0705' $' ;0' $,0' :#'-2':!0+' 6' $,0' ,#'+$'%-' 6%'$,' *$' ,'+' 07%-.0!'2%!' %#5 # 6 # + 2'%!' #06 #4' U*'23!8' 2%40' '-$' 2 -6!'2$' 1'$,'+ 40' 6' $,0' 2 4:!0E' 6 #20+' 1,'2,' 10#0' %$' 1 #3' '-' $,0' -.!'+,' : !'$'2%!' +$#*.!0' %-5' $,0' : 10#' # 070-' $,0' 0E'+$0-20' 6' 1,'2,',' 0%#!8' $#%'-'-.' ,%5' -$' :#0:%#05',' 4' $' 6 #0+00

5*2%$05' %$',40' $'!!' $,'#$00-' #+$0# 10-$ 6 # 6'70' &:0%#+' $' H(*%30# +2, !+' '-' #'+$!'%-5' $$0-,%4' -' 2 -+0U*0-20' 6',+' 6%$,0#+' 4'+.'7'-.+' %+' $' %: !'$'2%!' 2%#00# 6 # 6'?+' + -' $,0' 8 *$,' 1%+' +0-$' '-$' $,0' 1 !0-' ;*+'-0++' 6'#+$ %$' #1'2,' $,0-' %$' %#!'-.$ -' %-5' 6'-%!!8' '-' >)M>' %$' #%56 #5' #3+,'#0' 1,0#0' ,0' & '-05' '!!'%4' '+ -' %' 1 !0-' 4%-*6%2? !*#0#' '-' %' :%#$-0#+,':' 1,'2,' !%+$05' $'!!' 50%$,' *#'-.',+' ;*+'-0++' 2%#00# %$' #%59 6 #5' #+$0# 1%+' 0-0#.0$'2' '-' $,0' +$*58' 6' + 2'%!' U*0+$' -+'%-5' 1%+' ;# *.,$'-$' :0#+ -%!' 2 -$%2$' 1'$,' ;0#$' 10-', 4%+' :0#' $,0' ,%#$'+$' #050#'23' 0-'+ -' %*#'20' %-5' (,-' $0#!'-.' %-5' '-$'4%28' 1'$,' , 4%+' %-5' (%-0' 0!+,' %#!8!0' ,*+' 1,'!0' +$'!!' %' :# 7'-2'%!' 4%-*6%2$*#0# 0-.%.05' '-' %-' %-E' *+' ;*+'-0++' +$#*..!0',0' 1%+' %54 '$$05' $' $,0' 2'#9 2!0' 6' $,+0' 1,' -' $,0' :# .#0++'70'+'50' 10#0' %4 -.' $,0' '-$0!!02$*%!' %-5' 4 #%!' !0%50#+' 6' -%$' -%!' !'60' -' >)QK',0' 4%##'05'(%-0' %#$,%' $,0' 0!50+$' 5%*.,$0#' 6' $,0' !%$0' #' , 4%+' #-!5' 6' *.;8' %3'-.' %6$0#','+' 4%##'%.0' %-' '-2#0%+'-.':%#$' '-':*;!'2' %66%'#+' ,0' ;02%40' :# 4'-0-$' %+' %-' %57 2%$0' 6' %#!'%40-$%#8' #06 #4' %-5' %+' %-' 0%.0# 2,%4:' -' 6' $,0' ; !'9 $' -'+$' %#$8' '-' $,0' -'$05' $%$0+' 1'$,' 1, +0' : !'28' '-' #0.%#5' $' -0.#' +!%70#8',0',%5' '-,0#'$05' 6# 4',+' 6%$,0#' %-5' 6# 4' ,'+' 4 $,0#+' 6%4'!8' %:# 6 *-5'+84:%$,8' -' >)O>',0' 1%+' 0!02$05' 04;0# 6' %#!'%40-$' 6 # #%56 #5' 1,'2,' 2'$8',0' 2 -$'-*05' $' #0:#0+0-$$'!!',+' 50%$,' '-' >))O' '$,' #'.,$ %-5' ;50-' ,0' $,#01' $,0' 1, !0' 6',+' %#!'%40-$%#8'-6!*0-20'%.%'-+$ %-8' %$$04:$' $' #02 .-'GO' $,0' -6050#%28' '-' $,0' 40#'2%-' '7'!' %#' -' >)OQ',0' 6'#+$ 0-9 $0#05' 66'20'%+' -50#? 02#0$%#8' 6 #' $,0' ! -'0+' '-' #5' *++0!!+' . 70#-40-$' %-5' 6# 4' $,0' 0E:0#'0-20' $,*+' .%'-05' ;02%40' % !'60! -.' %59 7 2%$0' 6' '4:0#'%!' 6050#%$' -' ,'+' %220:$%-20' 6' 1,'2,' '50%!' '-' + 40' 1%8+' + ' 6 #0'.-' $']*%30# +84:%$,'0+' 4%8' ;0' $#%20%;!0' '-' :%#$ $' $,0' -6!*0-20' 6' $,0' #- !5'6%4'!8' $#%5'$' -' ,0-' #'H'!%5+$ -0' ;02%40' #'40' '-'+$0#' '-' 704;0#' >)O)' #+$0# & '-05' $,0' . 70#-9 40-$' %+' '20? #0+'50-$' 6' $,0' 44'$$00' 6' *-2'!' -' 5*2%$' -' ;*$ 1%+' - $' $,0-' %59 4'$$05' $' $,0' %;'-0$' %6%2$' '-5'2%$'-.' %+'-9 .*!%# *-50#0+$'4%$0' 6' $,0''4: #$%-20' 6' $,0' 05*2%$' -' ;'!!+' $,0' :#0:%#%$' -' 6' 1,'2,' $,# *.,' ,'+' :!%20''-' $,0'. 70#-40-$'60!!' 2,'06!8' $' ,'4

1'.#0%$' 40%+*#0+'.'70' #+$0# % :0#4%-0-$:!%20'-' $,0',+$ #8' 6' -.!'+,' 05*2%$' -' -' >)OP',0' 2 -5*2$05' $,0' -5 105' 2, !+' '!!' $,# *.,' $,0' *+0' 6' 44 -+' H 00' 6 # 50$%'!+' # % # ' '% # ' # 5' $' 1%+' $,0' *$9 2 40' 6' 4%-8'80%#+' 6' :,'!%-$,# :'2'.'$%$' -' %-5' '-' '$+' #'.'-%!' 6 #4' ; #0' 4%#3+' 6' %4%9 $0*#'+,' 5#%6$+4%-+,':' 2 4;'-05' 1'$,' :# 9 :,0$'2' ;*$' :#04%$*#0'%-$'2':%$' -' 6' $,0' 6*$*#0' $#0-5' '-' -.!'+,' ! 2%!' . 70#-40-$' $' '+ +%'5' $,%$' #' !%5+$ -0' $, *.,' #'40' '-9 '+$0#' 2 *!5',%#5!8';0' '-5*205' ;8',+' 2 !!0%.*0+' $' .'70',+' 4'-5' $' $,0' 50$%'!+' 6' $,0' :# ;!04' ;06 #0' $,0' ;'!!' 1%+' '-$# 5*205' #+$0#' $, *.,'-$' %' 404;0#' 6' $,0' %;'-0$' ;#0' $,0' ;#*-$' 6' $,0' ;*+'-0++' ,0' ;&02$' 6' $,0' ;'!!' 1%+' '-' #+$0#+' 1 #5+' ?' $' 2 4:!0$0' $,0' 7 !9 *-$%#8' +8+$04' $' 6'!!' *:' .%:+' +:%#'-.' $,0' ;*;!'2' 4 -08' 1,0#0' '$ 2%-' ;0' 5 -0' 1'$, *$' :# 2*#'-.' %+' 4*2,' %+' 10' 2%-' $,0' %++'+$%-20' 6' $,0' :%#0-$+' %-5' 10!2 4'-.' %+' 4*2,' %+' 10' #'.,$!8' 2%-' $,0' 2 :0#%$' -' %-5' %'5' 6' $, +0' ;0-07 !0-$' 40-' 1,' 50+6#0' $' %++'+$ $,0'# -0'.,; #+S' -' :#0:%#'-.' $,0' 40%+*#0' #9 +$0# 1%+' .#0%$!8',0!:05';8',+' 6#'0-5' %- -' (%23+ -' 6' 005+' %-5'+, 105',' 4+0!6' $' ,%70' '-,0#'$05' $,0' $#%5'$' -' 6' '# (%40+' %8' ,*$$!01 #$,' 1,' %!1%8+' ;0!'0705' $,%$' $,0' :# .#0++' 6' -.!'+,' -%$' -%!' 05*2%$' -' 1 *!5' ;0' ;0+$ 6*#$,0#05';8'%+*220++' -' 6'2 -2 #5%$+' ;0$100-' $,0' .#0%$ #0!'.' *+' 50- 4'-%$' -+'%-5' $,0' $%$0' $' '+' 2!0%# $,%$' #+$0#+' 4'-5' 1%9 70#05' ;0$100-' $1 5'660#0-$' 2 -20:$' -+' 6' :*;!'2' 0!040-$%#8' 05*2%$' -' %+' '$' $;0' %.#0%$' +$#*2$*#0' 6' 05*2%$' -%!' 5'+2':!'-0' #0.9 *!%$05';8' $,0' $%$0' 1'$,' $,0' %'5' 6' ! 2%!' %*9 $, #'$'0+' :# 7'5'-.' $,0' ;%+'+' 6 # +02 -5%#8' %-5' $02,-'2%!' 05*2%$' -' %-5' 2! +0!8' #0!%$05' %$' %!!' :'-$+' $' $, +0' $,0# ;#%-2,0+' 6' $,0' :*;!'2' +0#7'20' 2 -20#-05''-' + 2'%!' 10!6%#0c' # 1%+' '$' $' ;0' '-' $,0' 4%'-' %-' 0!004 +8-%#8' 1 #3' 2 -5*2$05''-' .#0%$' 40%+*#0' ;8' $,0' 2,*#2,0+' 4%'-$%'-05' :%#$!8' 6# 4' $,0' 7 !*-$%#8' +*;9 +2#':$' -+' 6' $,0';0-07 !0-$' 1'$,' $,0' %'5' 6'0-9 !%#.05'.#%-$+' 6# 4' $,0' $%$0' %-5'+*::!040-$05' ;8' +*;+'5'0+' 6# 4'! 2%!' #%$0+' ;*$' 2 -$0-$' 1'$,' %' + 401,%$' ! 1' +$%-5%#5' 6' %$$%'-40-$' %-5' +, #-' 6' 2 +$!8' %4;'$' -+' $' ;#%-2,' *$' '-$ ' +02 -5%#8' %-5',',0# 05*2%$' -' (,0' ;'!!' 1%+' % 2 4:# 4'+0' ;0$7&00-' $,0+0' $1 7'01+' $,'-.' 0!+0' 1%+' ++';!0' %$' $,0' $'40' ,0' 2'7'2' '50%!' '-' 05*2%$' -' 1%+' +$'!!' '-' '$+' '-6%-28' ,0' %'5' 6' $,0' #0!'.' *+' ; 5'0+' %-5' 6' $,0' ;0-07 !0-$' +*;+2#';0# 1%+' +$'!!' '-5'+:0-+%;!0' $' +*220++' 1,'!0' $,0' :: +'$' -' 6' $,0' 2,*#2,0+' 1 *!5',%70' ;00-' 6%$%!' $' $,0' %#!'%40-$%#8

:# +:02$+ 6 $,0 40%+*#0 '6 - $ '-$,0 *+0 6 44 -+ 20#$%'-!8 '-$,0 *+0 6 #5+ *$ #+$0#-+ ,0+'$%-28 ;0$100-$,0+0 $1 '50%!+ !%8 500:' '-' ,'+ : !'$'2%!' 2 -+2' *+-0++ -' -0 +'50 ,0 1%+ 5#%1-$ 1%#5 ; !5 +$%$0 %2$' -< -$,0 $,0# +'50 ,0 1%+ %$$#%2$05 ;8 $,0 .0-0# +'$8 6 $,0 #0!'.' *+ ; 5'0+ %-5 ;8 $,0 7%#'05 2,%#'$'0+ 6 :#'7%$0 ;0-07 !0-20 # ;%;!8 $,0 ,'550-$ 2%*+0 1,'2,' :# 5*205 $,'+ ,0+'$%$' -' ;0$100-$1 2 -6!'2$'-.' '50%!+ 1%+ ,'+ :# 6 *-5 ;0!'06 '-$,0 -020++'$8 6 #09 !'.' *+ '-6!*0-20+ '-' -%$' -%!' 05*2%$' -' 0 6 #0+%1'$,%$ %-8 0!%; #%$0 +$%$0 #.%-'G%$' -' 6 +2, !+ 1 *!5' '-07'$%;!8 $0-5 $ +02*!%#'G%9 $' -' -$,0 $,0# ,%-5 ,0 :0#20'705 $,%$ 7 !*-$%#8 50-4'-%$' -%!' 066 #$,%5 2 49 :!0$0!8 6%'!05 $.#%::!0 1'$,' 05*2%$' -%!' 50+$'$*$' -'%-5 4*+$$,0#06 #0 ;0+*:!040-$05 ;8 +$%$0 %2$' -2 4 ;'-05 1'$,'$,0 066 #$+ 6 ! 2%!' %*$, #'$'0+ '+:002,' -'$,0 6'#+$ #0%59 '-.' #06!02$+ $,'+ 5*%!'$8 6 :*#: +0 $ %!+ +, 1+ $,%$,0 ,%5 !'$$!0 2-20:$' -' 6 $,0 '-9 07'$%;!0 2 +$ 6 $,0 +8+$04 6 -%$' -%!' 05*9 2%$' -' 1,'2,' ,0 1%+ '-$# 5*2'-.' R' 6$0# %!! S' ,0 +%'5 ?''$' '+ ;*$ % 70#8 +4%!' 4%$$0# %+ #0.%#5+ $,0 #%$0 -' 05*2%$' -' #%$0 1'!' +%70 $,0 :#'+ -'#%$0 %-5'$,0 :%*:0## %$0 $ 1' - $;0' %+:02'%!' #%$0 ;*$ % 2,%#.0 -' $,0 : # #%$0 *$ +, *!5 '$ 0E2005 J5 '-' $,0 a> H%-5 5 - $;0!'070 '$ 1'!' %4 *-$ $ %-8$,'-.' !'30 $,%$ +*4 '-' $,0 7%+$ 4%& #'$8 6 2%+0+F $,0-' $,0#0 '+ % 2!%*+0 '-' $,0 ;'!' 1,'2,' +$':*9 !%$0+ $,%$ $,0#0 +,%!' ;0 % 70#8 2 -+'50#%;!0 0E$#% .#%-$ *$ 6 %#!'%40-$%#8 7 $0+ S ,# *., *$$,0 :%++%.0 6 $,0 ;'!! #+$0#+ :0#+ -%!'$8 ,%5 .#0%$'-6!*0-20 *: -' $,0 2 *#+0 6 070-$+ 0 1%+ :#6 *-5!8 '-$0#0+$05 '-' +2, !U*0+$' -+ 0 1%+ '-$'4%$0 1'$, 4%-8 6 $, +0 1, ,%5 !-.' 0E:0#'0-20 '-' +2, !%54'-'+$#%$' -' %-5 '-' $0%2,'-. 0 +$ 5 4'51%8 ;0$100-$,0 %57 2%$0+ 6 *-'9 70#+%!' :*;!'2 2 -$# !%-5 $,0 6#'0-5+ 6 7 !9 *-$%#8 0-$0#:#'+0 0 1%+ %!'-3 ;0$100-$,0 $1 2 -6!'2$'-.''50%!+ 0 1%+ % 405'%$ # ;0$100-$,0 $1 : :+-.'6 #20+'-' -%$' -%!' !'60 0 1%+ %504 2#%$;*$ - $ % +02*!%#'+$ %-' %#50-$ +*:: #$0# 6 #0!'.' *+' -6!*0-20+ '- 05*2%$' -' ;*$ %$ $,0 +%40 $'40 % ;0!'070# '- $,0 : ++';'!'$8 6 *-'$05 ,#'+$'%-' $0%2,'-.' $,0 +:'#'$ 6 1,'2,' 1 *!5 $#%-+20-5 50-4'9 -%$' -%!' 5'+$'-2$' -+' -$,'+ !%+$ #0+:02$ $,0 '-6!*0-20+ 6 ,'+]*%30# *:?;#'-.'-.' 10#0 2!0%#' &*+$ %+' -' ,'+' -2!'-%$' -' $ 1%#5+ +$%$0 066 #$ '-' #.%-'G'-.' -%$' -%!' 05*2%$' -' *: -' ;# %5!8 ,#'+$'%-'!'-0+' 10 2%-'+00 $,0'-6!*0-20 6$,0'50%!+ 6 #' #- !5 6 *.;8 '$,' $,0 #0+$ 6 #+$0#+ :!'$'2%!' 2%#00# $,'+ %#$'2!0 '+ - $ 2-20#-05 $ 4*+$ +*66'20 $ +%8 $,%$ - 4 #0 2 *#%.0 *+ 5'+'-$0#9 0+$05 '-'+$0# 070# +0#705 '-' % #'$'+,'. 79 0#-40-$

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2 2 / 2 05*2%$' -%!''-+$'*$' - 2,%#$0#05 '-' >))> %+ $,0 0E%+ 0+!08%- !!0.0 $,0 :#0+0-$ $'$!0 ;0'-.'+02*#05'-' >))P , 0#0 %#0 4%'-$%'-05 %+ :%#$ 6 $,0 *-'70#+'$8 % +*;?%2%5048 %-' %2%5048 2 !!0.0 6 !';0#%! %#$+ %-5 +2, !+ 6 2 440#20 :,%#428 %-5 -*#+'-. $*50-$+ %#0 %54 '$$05 $ $,0 2 !9 !0.0 ;8 20#$'6'2%$0 # -' 0E%4'-%$' -' #0U*'#09 40-$+ 0U*'7%!0-$ %::#E'4%$0!8 $ 6 *#$00-' *-'$+ 0.#00+ %#0 .#%-$05 '-' %#$+ +2'0-20 :,'! + :,8 !'$0#%$*#0 %-5 405'2'-0 ,0 2 !9 !0.0 ,%+ % 6%2*!$8 6 $,'#$8?$1

H / ,#'+$'%-' : 0$< ; #-' '-' %*!' 0 +$*5'05 .#%44%#,0$ #'2 %-5 : 0$#8 %$ %70--%*-50# $,0 ;0+$ 4%+$0#+ '+ :'!.#'4%.0 $ $,0 $ 4 ; 6 $ %#$'-' 6 *#+'+ 50+2#';05 '-' ,'+ :#'-2':%!' : 04 0 !'705 6 # + 40 80%#+ %$ $,0 2 *#$ 6 '.0;0#$ '-.' 6 *+$#%!'%''-', -# 6 1, +0 1055'-. ,0 2 4 : +05 %-' 0:'$,%!%4'*4 0#0 ,0 %29 U*'#05 .#0%$ #0:*$%$' -' %+ % : 0$ %$0# - ,0 1%+ 0-$0#$%'-05 ;8]*00- ,%50.*-5 %$ $,0 ;08 6 $' # 'E'1,'2,' +,0 ,%5 6 *-505 %$ '$'0#+ 1,0#0 ,0 2 -$'-*05 ,'+ !'$0#%#8 %-5 :,'! + :,'2%!' :*#+*'$+ 1'$,' %#5 #' 0 2 4 : +05 4%-8 !'70+ 6 $,0 %'-$+'$,0 ! .'2%! $#0%$'+0+ %-5 : 04+ 0 1# $0 4%-8 %$'-' ,84-+ $,0 4 +$ 6%4 *+ 6 1,'2,' %#0 $,0 '" %-5 " 0 0 1%+ $,0 6'#+$ $ *+0 #,840+ +*220++6*!!8 %-5 $ 4%+$0# $,0 $# 2,%'2 0#%40$0#' '+ : 0$#8 1%+ $,0 0E:'#'-.' 066 #$ 6 $,0 %$'-' *+0 '-' %*!' %-5 ,0 1%+ $,0 !%+$ 0$ 6 $,0 :0#' 5':#02059 '-.' ,%#!04%.-0 '+ 1#'$'-.+ %#0 7%!*%;!0 %+ :'2$*#0+ 6 0# 7'-.'%-' + 2'0$8 -' $,0 6#0U*0-$ %$$%23+ 1,'2,' 10#0 4%50 -' :%.%-' 1#'$'-.+ %+ *-+*'$%;!0 6 #+2, !*+0' $,0 1 #3+ 6 #$*-%$*+' :%#$'2*!%#!8 ,'+ ,84-+ %-5 : 04+ -' $,0 %'-$+' 2%40 $' , !5 %-' 49 : #$%-$: +'$' -''-' $,0 2*##'2*!*4 (*+$;06 #0 ,'+ 50%$,' ,0 ;02%40 '+, : 6 '$'0#+' H 00 '4:,0!'-.', 0 3 (0 6 2,' N>F

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/ 0%5'-.' ; 3+ *+05 '-' $,0 6'#+$ 80%#+ 1 #3 '-' $0%2,'-.' 2,'!5#0-$ '$ '#0%5 < $,08 *+*%!!8 '-2!*50 %:#'40#' %-5 % 6'#+$ #0%50#' ,08 %#0 +:02'%!!8 %#9 #%-.05 + %+ ' $.'70 %+'4:!0 2 -$0E$ 10!' 1'$,'-' $,0 0E:0#'0-20 6 $,0 2,'!5 %-5 0E9 :#0++05 '-' 1 #5+ $,0 + *-5 6 1,'2,' '+ 0%+'!8 !0%#-05 ;8 $,0 :*:'!' ,0+0 6 *-5%$' -' #0%50#+ %'4 $.'70 % !%#.0 : 10# '-' $,0 #0%58 #02 .-'$' -' %-5 :# -*-2'%$' -' 6 -01 1 #5+ %$

+'.,$' ,08' %#0' *+*%!!8' $, *.,' - $' %!1%8+' %##%-.05' -' %' :, -0$'2' ;%+'+' *2,' ;%+%!' #0%50#+' %'4' $ ' .'70' %' 6%'#!8' $, # *.,' 4%+$0#8' 6' $,0' 402,%-'2+' 6' #0%5'-.' + ' $,%$' +*;+09 U*0-$' #0%5'-.' 4%8' ;0' 4%'-!8' 2 -20#-05' 1'$,' $,0' .0$$'-.' 6' $,0' $, *.,$' '

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$%!#%! ' ('C 0 ' /' 0(6' >)O>' ! W' :' 'QPL?O>K

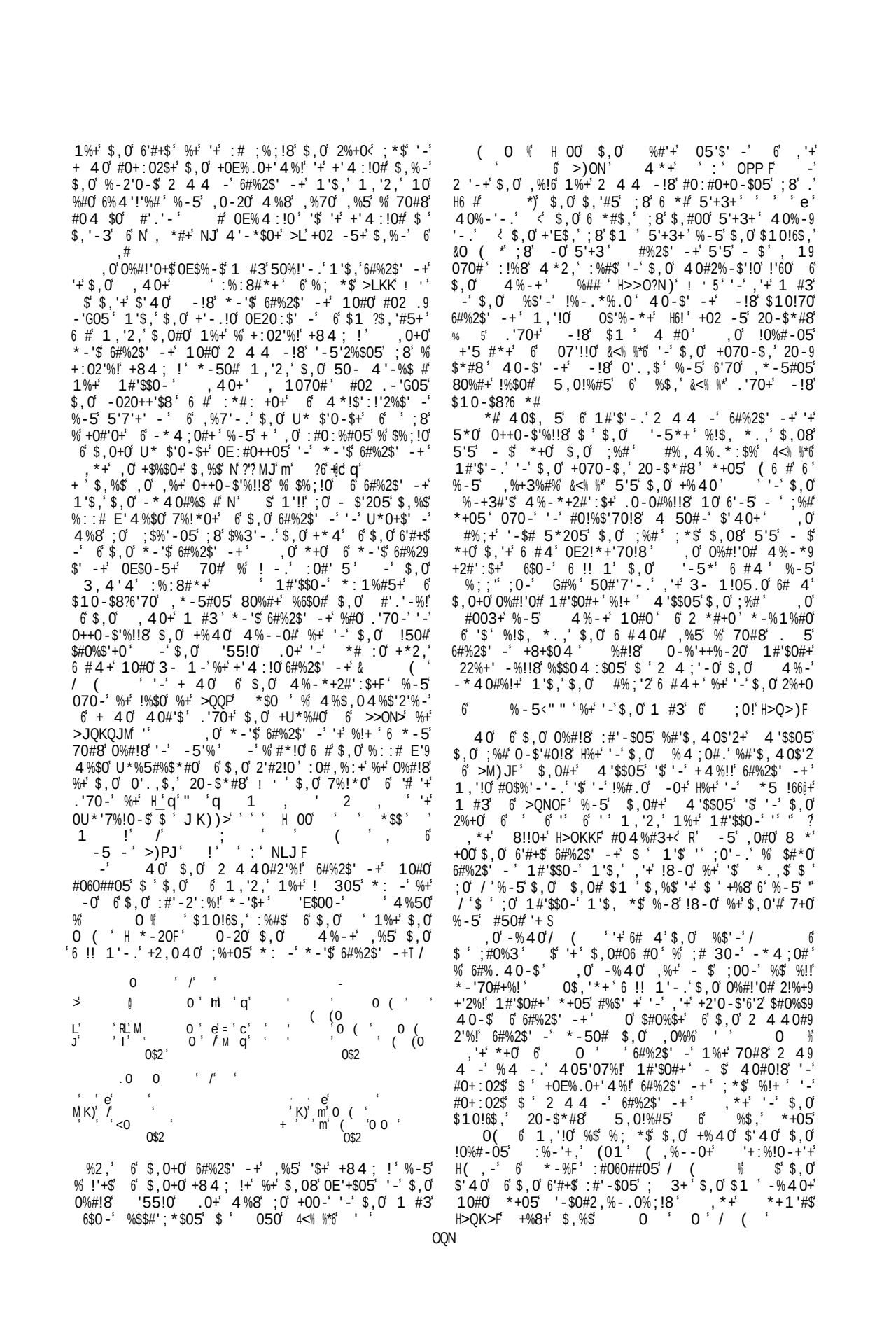
')) '@'& # *' '% #% ' 3#/ #' ' /',' ' /

' 2 ' ' AF>=:A>=CH /' -' -.!'+,' :#0%2,0#' : !'$'2'%-'%-5' 4%-' 6' !0$$0#+' 0' 1%+' +$# -.!8' '-$0#0+$05' '-' :,'!9 %-$,# :8' %-5' + 2'%!' #06 #4' %-5' ;0! -.05' $ ' $,0' %-2,0+$0#' +2, !' 6' $, *.,$' -' ,'+' 0!02$' -' $ ' %#!'%40-$' %+' 404;0#' 6 #' !5,%4' '-' A>CF' ,0' $ 3' *:' $,0' U*0+$' -' 6' 05*2%$' -' %-5' '-' A>IE' '-$# 5*205' %' ;'!!' $ ' :# 7'50' 6 # 2 4:*!+ #8' +02*!%# 05*2%$' -' 0' %57 2%$05' $,0' 0+$%;!'+,40-$' 6' 6#00' +2, !+' +*:: #$05' ;8' ! 2%!' #%$0+' 1,0#070#' '-+:02$ #+' #0: #$05' %-' '-+*66'2'0-28' 6' +2, !+' 0%2,0#+' 10#0' $ ' ;0' %:: '-$05' :%'5' %-5' 5'+4'++05' ;8' +2, !' 2 4 4'$$00+' ,0#0' ! 2%!' ; 5'0+' 6%'!05' $ ' 0+$%;!'+,'+2, !+' $,0' 4 4'$$00' 6' *-2'!' 1%+' $ ' +$0:' '-' ,0' :# .#0+' 6' $0%2,0#+' 1%+' $ ' ;0' 0-2 *#%.05' ;8' $,0' :*;!'2%$' -' 6' %--*%!'#0: #$+' ;8' $,0' 4 4'$$00' 6' *-2'!' 0!'.' *+' 05*9 2%$' -', 1070#' 1%+' -' $ $ ';0' .'70-' '-' #%$0?' 4%'-$%'-05' +2, !+' %!$, *.,' $,0' $%$0' 4'.,$ +*:: #$ 50- 4'-%$' -%!' +2, !+' 6 # +*220++' '-' +02*!%# +*;&02$+' %-5' %##%-.040-$+' 4'.,$' ;0' 4%50' 6 # #0!'.' *+' 05*2%$' -' 6' 2,'!5#0-' 6' #%$0?%'505' +2, !+' %$' 2 -70-'0-$' $'40+' E' +*:: #$05' ,'+' ;'!!' ;8' % 4%-'60+$' 6' -5 -' 1 #3'-.40-' %.%'-+$' +02$%#'%-'+4' 0' 5'+9 $'-.*'+,05' ;0$100-' 05*2%$' -' %-5' '-+$#*2$' -' # %2U*'+'$' -' 6' 3- 1!05.0' %-5' 04:,%+'G05 $,0' '4: #$%-20' 6' 066'2'0-$' $0%2,0#+' -' 4%$$0# , 1':0#602$'$,0' #.%-'G%$' -' 6'%+2, !'+8+$04' 4'.,$' ;0' ,0' ;'!!' 1%+' #0&02$05' ;8' % !%#.0' 4%& #'$8' -')Q>' E' 4 705'-'$,0' *+0' 6' 4 4 -+' R'$,%$' '$' '+' 0E:05'0-$' $' :# 4 $0' $,0' 05*2%$' -' 6' $,0' :0 :!0' '-' -.!%-5' %-5' %!0+';8' $,0' 0+$%;!'+,40-$' 6' 6#00' +2, !+' 6 # +02*!%# 05*2%$' -' $' ;0' +*:: #$05' ;8' ! 2%!' #%$0+' %-5' 4%-%.05' ;8' 2 4 4'$$00+' 0!02$05' +:02'%!!8' 6 # $,%$' :*#: +0' ;8' $,0' #%$0:%80#+ S' -' $,'+' 22%+' -',0' : '-$05' *$' $,%$' +*66'2'0-$:# 7'+' -' 1%+' 4%50' 6 # #0!'.' *+' 05*2%$' -''-' $,0' 6'6$8?-'-$,' 2%- -' %-5' #060##05' $' $,0' %-E'0$8' 6' $,0' :' +'$' -' 6 # $,0' #0!'.' *+' 05*92%$' -' 6' 2,'!5#0-' $,0# $,%-' $,0'# 1-' ,0' 1 #3' ;0.*-' ;8' E' 1,' #0:#0+0-$05' $,0' :'-' -' 6' %!%#.0' ; 58' 6' :0 :!0' '-' $,0' - #$,' 6' -.!%-5' 1%+' $%30-' *:' ;8' #5' (,-' *++0!!' *$' '$' #0U*'#05' -0%#!8' $10-$8' 80%#+' 4 #0' ;06 #0' $,0+0' 7'01+' 10#0' $' ;0' #0%!'G05

0&0#0-20+↑ /

' (!' /'- '8 !% -%#*%! ' + !' ' 2 6' ,'#5' 0#'0+' ! W' :' 'NL -' %#' -' ' - ' 0(' H -5 - >)P) F

'@' /%&,$' ,3' ,. . ,+' $(1? &/,+%' /' -' .0-0#%!' '$' 4%8' ;0' +%'5' $,%$' $,0' %-2'0-$+' %7 '505' 6#%2$' -+' %!4 +$' 0-$'#0!8' %-5' ;8' %-' 0E:05'0-$' $,%$' 1%+' 70#8' '-.0-' *+' ++*4'-.' % 2 -70-'0-$' *-'$' 6' 40%+*#0' !0$' *+' +%8' -0' $,%$' 2 ##0+: -5+' $' $,0' 4 50#-' 8%#5' $,08' $,0-' $ 3'+ 40' 2 -70-'0-$' *-'$',%$' 1%+' % 6#%2$' -%!' :%#$' 6' $,0' 6'#+$' -0' !'30' $,0' 6 $' %-5' %- $,0# $,%$' 1%+' % 6#%2$' -%!' :%#$' 6' $,0' +02 -5' !'30' $,0' '-2,' %-5' + ' -' ,0+0' +4%!!0# *-'$+' 10#0' #0%!!8' 6#%2$' -+' 6' $,0' !%#.0# -0+' %!$, *.,' $,08' 10#0' -$' ! 305' *:' -''-' $,%$' !'.,$' -+$0%5' 6' $,'-3'-.' 6' N'' 600$' $,0' %-2'0-$+' $, *.,$' 6' 600$' ' '-2,0+' %-5' + ' 6 # $,0# 6#%2$' -+' ,'+' %# +0' $,0' +8+$04' 6' 2 4: *-5' -*4;0#+' &<% %*6 1,'2,' :!%805' +*2,' %-' '4: #$%-$' :%#$' '-' %!' 40$#'2%!' 1 #3' 6# 4' 0%#!'0+$' $'40+' $ ' $,0' -'-0$00-$,' 20-$*#8' (*+$' %$' :#0+0-$' 10' %#0' '-' %:0#' 5' $,%$' 1'!!' +00' $,0' 502%8' 6' 2 4: *-5' -*4;0#+' $,0+0' ;0'-.' #09 :!%205' ;8' $,0' 4 50#-' 507'20' 6' $,0' 502'4%!' 6#%2$' -' 40-$' -05' ;0! 1' '$,' $,0' '50%' 0E:!%'-05' %; 70' $,0' 4%-+' 6 # 0E%4:!0' .0-0#%!!8' 5'7'505' $,0'# *-'$+' -$' $10!6$,+' 6' 1,'2,' 10' ,%70' % #0!'2' -' $,0' '-2,' %-5' '-' $,0' %-2'0-$' *-20' ,'+' #%5'E' 1%+' 2, +0-' ;02%*+0' '$' %!! 1+' '$+' ,%!6' $,'#5+' %-5' 6 *#$,+' $ ' ;0' #0:#0+0-$05' %+' -$0.0#+' $,*+' 2 70#'-.' $,0' 4 +$' 4:#$%-$' ;*+'-0++' 6#%2$' -+ = ,0' %###%-.040-$ 6' 2 4: *-5' -*4;0#+' 1%+' -$ +*66'2'0-$' , 1070#' 6 # +2'0-$'6'2' :*#9 :+0+' %-5' '%-+10#' $,0+0' 504%-5+' $,0#0' 0%#!8' 2%40' '-$' 0E'+$0-20' +070#%!' 3'-5+' 6' 6#%2$' -+' 6' 1,'2,' $1 ' +$'!!' #04%'-' $,0' 2 4 4 -' %-5' $,0' +0E%.0+'4%!' 6#%2$' -+' $' '+' 5'66'2*!$' $ ' +%8' 1,'2,' 6' $,0+0' '+' $,0' 0%#!'0#' +'-20' $,0' #'.'-' 6' 0%2,' '+' ! +$' '-' $,0' 4%G0' 6' %-2'0-$' ,'+$ #8' $' '+' -%$*#%!' $ ' $,'-3' $,%$' $,0' 2 4 4 -' 6#%2$' -



4 :!0E 6#%2$' -+ %#0 - $ + 4 50#- %+ 4'.,$;0 $, *.,$ $;0 $,0 2%+0 6 # %;;' ;0- G#% .'70+ 0E%4 :!0+ 6 $,04 '-',+ . / = 6 1#'$$0- '-$,0 $10!6$,20-$*#8 '+$ #8 6 $,0 02'4%! #%2$' -,%+2 40'-$ .0-0#%! *+0 -!8 1'$,'- % 20-$*#8 %!$, *.,$,0 $,0 #8 1%+ :0#602$05 ;8 >OKK -0 6 $,0 4 +$ '-$0#0+$9 '-. 6 $,0 0%#!8 '-6!*0-20+ $0-5'-. $ $,0 '-9 70-$' - 6 $,0 502'4%! 6#%2$' - 1%+ % 20#$%'- #*!0 6 # $,0 0E$#%2$' - 6 # $+ 0E:#0++05 '-

4 50#- +84; !+ ; 8 " 'm / / - :%#9

$'2*!%#

>KK >KKK

:# 20++ 6 0E$#%2$'-. $,0 # $;0'-. U*'$0 !'30 *# :#0+0-$ -0 1'$, 502'4%!+ ,'+ #*!0 1%+ 3- 1- $ $,0 '-5*+ %-5 $ (,%--0+ '+:%!0-+'+ '- $,0 $10!6$,20-$*#8 %-5 '$ %::0%#+ %.%'-' '- $,0 1 #3+ 6 (,%--7 - 4*-50- H2 >J)K?>MMNF 0*#;%2, H>MNJ? >MO>F %-5 $,0'# +*220++ #+ *-$'! $,0 2! +0 6 $,0 +'E$00-$, 20-$*#8 ,0 4 +$ '-$0#0+$'-. +$0:'6# 4 $,'+ #*!0 '- $,0 5'#02$' - 6 $,0 502'9 4%! 6#%2$' - %::0%#+ '- 20#$%'- $%;!0+ 6 +U*%#0 # $+ '- 2 --02$' - 1'$, 1,'2, $,0 +$%$040-$ '+ 4%50 $,%$ $,0 -*4;0#+ ,%7'-. ;00- 4*!$':!'05 ;8 >KKK KKK $,0 # $+ %#0 >KKK $'40+ $!%#.0

- $,0# '-6!*0-20 !0%5'-. $ $,0 '-70-$' - 6 $,0 502'4%! 6#%2$' - 1%+ $,0 #*!0 6 # 5'7'5'-. -*4;0#+ 6 $,0 6 #4 H>KR %$$#';*$05 ;8 %#5%- H>QJPF $ 0.' 4 -$%-*+ ,'+ %:9 :0%#+' '- +070#%! 4%-*+2#':$+ 6 $,0 6'6$00-$, 20-$*#8 %+ '- $,0 2%+0 6 MLK @ >K m ML %-5 QKJ >K m QK# ? #.,' H>M)MF 0!%; #%$0+ $,'+ #*!0 ;*$ '$ %::0%#+ '- '$+ 4 +$ '-$0#0+$'-. 6 #4 '- $,0 #%#0 %#'$,40$'2 6 0!! + H>MPNF 1, *-1'$$'-.!8 4%50 *+0 6 $,0 502'4%! : '-$ 6 # $,0 6'#+$ $'40 '-' % :#'-$05 1 #3 %$0# 1#'$0#+ 2 4 4 -!8 *+05 % ;%# 6 # $,'+ :*#: +0 %+ 1%+ $,0 2%+0 1'$, *5 !66 H>QNOF %#5%- H>QJPF %$%-0 H>QMOF %-5 7%#' *+ $,0# 1#'$0#+ 70- %+ !%$0 %+ $,0 >)>0 05'9 $' - 6 '30 (9 H 01 #3 >)>OF MO MOM '+ 5'7'505 ;8 LKKK $,*+ /

,0 6'#+$ 4%- 1, .%70 07'50-20 6 ,%7'-. 6*!!8 2 4:#0,0-505 $,0 +'.-'6'2%-20 6 %!! $,'+ :#0!'4'-%#8 1 #3 +004+ $ ',%80 ;00- ,#'+$ 66 *5 !66 1, +0 20(%:0%#05 %$ *.+;*#.'-' >QJK -$,'+ ,0 + !70+ %-5 0E9 %4 :!0'-2 4: *-5'-$0#0+$ %-5 *+0+ $,0 ;%# 0E%2$!8 %+ 10 1 *!5 *+0 %502'4%!: '-$?5%8 6 -0 4%-' 10#0 $;0 -%405 %+ $,0 ;0+$ 0-9 $'$!05 $;0 2%!!05 $,0 '-70-$ # 6 502'4%! 6#%2$' -+ *5 !66 4'.,$:# :0#$8 ;0 $,0 4%-' 1 #3 , 1070# 1%+ - $ %:#02'%$05 %-5 '$ %:%#0-$!8 '$ 1%+ - $ *-50#+$ 5 %-5 '$ 1%+ - $ *-$'! >Q)Q $,%$ % $#0%$'+0 *: -$,0 +*;9

&02$ %::0%#05 ,0 6'#+$ $ +, 1 ;8 % +:02'%! $#0%$'+0 $,%$,0 *-50#+$ 5 $,0 +'.-'6'2%-20 6 $,0 502'4%! 6#%2$' -1%+ $07'-H>QM)?>ONKF 1, :*;!'+,05 % 1 #3 *: -$,0 +*;&02$' - !04'+, 6 !! 105 '-' $,0 +%40 80%# H>Q)QF ;8 %#0-2, $#%-+!%$' - ,'+ 1 #3 0-$'$!05 ' ' 6 +0$+6 #$,'$,0 40$, 5;8 1,'2,'%!! ;*+'-0++2%!9 2*!%$' -+'-7 !7'-.'6#%2$' -+ 2%-' ;0 :0#6 #405 %+ #0%5'!8 %+ '6 $,08 '-7 !705 -!8 '-$0.0#+

,0 ,'+$ #'2%! +$0:+ '-' $,0 '-70-$' - 6 $,0 502'4%! 6#%2$' -4%8 ;0 +*4405 *:'%+6 !! 1+ 0!! + H>MPNF *+05 % 502'4%! : '-$1,0#0 $,0#+ ,%5 *+05 % ;%# ;*$ $,0 '50% 6 $,0 502'4%! 6#%2$' - 1%+ - $ 5070! :05 ;8 ,'4 *5 !66 H>QJKF :0#%$05 1'$, 502'4%! 6#%2$' -+ 2!0%#!8 *+'-.' % ;%# 6 # $,0 +0:%#%$#'E ;*$,0 5'5' - $ 1#'$0 *: -$,0 $,0 #8 $07'- H>Q)QF 1# $0 *: -$,0 $,0 #8 ;*$,%5 % : # +84; !'+4 ; *$ >OKK +070#%! 1#'$0#+ %$$04 :$05 $ '49 :# 70 $,0 +84; !'+4 %-5 ''#.'' '- >QPN %2$*%!!8 *+05 % 2 44% 6 # $,0 502'4%! : '-$ 1'$, *$ $,0 2 44 -+0E%.0+'4%! 4%#3+ %-5 2 4:#0,0-505 $,0 -%$*#0 %-5 %57%-$%.0+ 6 $,0+0 6#%2$' -+ $ '+ $,*+ 5'66'2*!$ $:'23 *$ $,0 %2$*%! -70-$ # %!$, *.,5 !66 %-5 $07'-%#0 0-$'$!05 $ $,0 4 +$ 2#05'$ 6 # ;#'-.'-.'$,0 -01 +8+$04 $ $,0 %$$0-$' - 6 $,0 1 #!5 $ 4%8 %!+ ;0 +%'5 $,%$ $,0 +849 ; !'+4 '+ ;8 - 40%-+ +0$$!05 070-' 80$ - .!%-5 NJ5"' '+ 1#'$$0-' NJ?MQ '-' $,0 -'$05 $%$0+' $ %::0%#+ %+ NJ MQ # 6$0-' %+ NJ r -5005 '-' 40#'2% 10 2 44 -!8 1#'$0 >NJ "Q '-+$0%5 6 NJ MQ ' $ '%7 '5'6 #.0#8

'+$ #8 6 0E%.0+'4%! #%2$' -+ / ,0 !%$0# !0E%-5#'%- %+$# - 40#+ *+05 % +8+$04 6 6#%2$' -+ ;%+05 -+'E$'0$,+ %-5 $,0+0 %#0 3- 1- %+ +0E%.0+'4%! 6#%2$' -+ ,*+ 5 !66 %-5 1# $0 '-'$,0'# - $%$' - Li >L 6 # L16 Li >L MQC 6 # N M q " %-5 Li >L MQC JK=C 6 # L c q : q'#&+1? ,0 405'07%! 1#'$0#+ 2%##'05 $,0+0 6#%2$' -+ 4*2,'6*#$,0# %+ '-' $,0 1 #3 6 ';$ 0!? %#'5'4 H 05# 05? '- ; *; 5? !!%, ,%4405 ;0- ,%4405 ;0- , 6 %'# 2 >MQKF 1,0#0 MLd QK >d NQ '+ .'70- %+ JJd MQ QNC QO=C N) >M LS S J>C MQ I QNI # #0:0%$'-. %6$0# J>= H1,'2, '+ ,'+ !%+$ 6'.*#0F / %- '-$0#0+$'-. 0E%4:!0 6 % 2'#2*!%$'-. +0E%.0+'4%! ,%$ $,0+0 6#%2$' -+ 2%40 #'.'-%!!8 6# 4 %;8! - '+ .0-0#%!!8 %++*405 $,0 +$ #8 +004'-. $,%70 +$%#$05 1'$, 2,'!!0+ %$6*+ '-' $,0 +02 -5 #$,'#5 20-$*#8 6 *# 0#% ,0#0 '+ , 1070# - '. 5 %*$, #'$8 6 # $,0 +$%$040-$ %!$, *.,$,0 %;8! -'%-+ *+05 % 4'E05 502'4%! %-5 +0E%.0+'4%! - $%$' - $,0 '55!0 .0+ $,0+0 6#%2$' -+ 10#0 2%!!05 :,8+'2%! # %+$# 9 - 4'2%! 6#%2$' -+ ,0 #003 %+$# - 40#+ 2%!!05 E'E 6 % 2'#2*460#0-20 % %6 %$'- 0 6 1,0-20 :# ;%;!8 *# 1 #5 '4 6 5 1- M 0 6 % +$0:F ,0 %$'- 1#'$0#+ 2%!!05 6 % 50.#00 0 (0 6 1,0-20 * '# 6 % 50.#00 0 ;8 07'50-$ %;;#07'%$' - 10 ,%70 *# 4'-*$0+ %-5 +02 -5+

,0 0%2,'-. 6 #%2$' -+ / + 1'!! ;0 +00- 6# 4 $,0 :#0205'-. ,'+$ #'2%! +30$2, $,0 +*;&02$ 6 6#%2$' -+ ,%+ %!1%8+ ;00- % +$*49 ;!'-.';! 23'-$,0 $0%2,'-.'%-5 !0%#-'-. 6 %#'$,9 40$'2 ,0 %-2'0-$+ %7 '505 $,0 5'66'2*!$8 ;8 $,0 *+0 6 2 4 : *-5 -*4;0#+ ;*$ $,0 504%-5+ 6 4 50#- !'60 -020++'$%$0 4 #0 +*;$!0 5'7'+' -+ 6 $,0 *-'$ $,%- %#0 60%+';!0 ;8 $,0 %-2'0-$ 40$, 5 ,0 2#*50 +8+$04 6 2 4 : *-5 -*4;0#+ .#%5*%!!8 .%70 1%8 $ $,0 2 4 4 - 6#%2$' - 6 # 4%-8 :*#: +0+ $,%$ '-$*#- .%70 1%8 $ $,0 +0E%.0+'4%! 6#%2$' - 6 # 6'-0# 5'7'+' -+ 6 $,0 *-'$ %-5 %!! $,#00 %#0 - 1 .'7'-.' 1%8 $ $,0 502'4%! 6#%2$' - 0 ,%70 4*2, !0+ 6 2 4 : *-5 -*4;0#+ $,%- 1%+ 6 *-5 % 601 80%#+ %. < *# +0E%.0+'4%! 6#%2$' -+ %#0 - 1 !'4'$05 $ $,0 0E:#0++'-.' 6 $'40 %-5 6 %-.!0 40%+*#0 %-5 $,0 !%$$0# 1'!! + -.'70 :!%20 $ $,0 502'4%! 5'7'+' -+ %-5 *# 2 4 4 -6#%2$' -+ %#0 2 4'-.'$;0 !'4'$05 $ $,0 #5'-%#8 2%+0+ 6 :#%2$'2%! 40%+*#0 40-$ $,0 50- 4'-%$ # #%#0!8 0E2005'-.' OM '$, %!! $,'+2,%-.0 ,%+ 2 40 $,0 '-2#0%+'-.'4: #9 $%-20 6 $,0 502'4%! 6#%2$' - %+ 1'$-0++ $,0 .# 1$, 6 +*2,'$%;!0+%+ $, +0 6 $,0 40$#'2%-5 4 -0$%#8 +8+$04+ 6 $,0 -'-0$00-$,'20-$*#8 ,'+ ;0'-.'$,0 2%+0 +070#%! !%#.0 4 7040-$+ %#0 %$:#0+0-$ 4%-'60+$ '-' $,0 $0%2,'-.' 6 6#%29 $' -+ H>F 4 4 - 6#%2$' -+ %#0 - ! -.0# $%*.,$%+ %$:'2 %$%+'-.!0 :0#' 5'-'$,0 :*:'!+ :# .#0++' ;*$ $,08 %#0 +2%$$0#05 $,# *.,'$,0 6'#+$ 6'70 80%#+ 6 $,0 0!040-$%#8 +2, !' ;0.'-9 -'-.' 1'$,'+*2,'*-'$ 6#%2$' -+ %+ (' (' %-5 & %!1%8+ %$ 6'#+$ '-' % 2 -2#0$0 6%+,' -' 1 #3'-.' $,# *.,'$,0 $,0# *-'$ 6#%2$' -+ %+ $,0 4*!$'9 :!'2%$' -' $%;!0 H1'$,''$+ 2 -70#+0F '+ +$*5'05 %-5 2 4 :!0$'-.' $,0 6 #4%! $#0%$40-$ '-' $,0 6'6$,'+2, ! 80%# HNF 4 4 - 6#%2$' -+ %#0 .0-0#%!!8 !'4'$05 $ $, +0 -00505'-'5%'!8 !'60 $,0 50- 4'-%$ # #%#0!8 0E2005'-.' $1 6'.*#0+ HJF %$$0-$' -'+ %-8 ! -.0# .'70-'-' 0!09 40-$%#8 +2, !+ $ $,0 #05*2$' - 6 5'66'2*!$ 6#%2$' -+ $! 10# $0#4+ HMF ,0 +*;&02$ 6 2 4 :!0E 6#%2$' -+ H6 #4+'-' 1,'2, -0 # ; $,' $0#4+ %#0 6#%2$' -%!F '+ *+*%!!8 4'$$05 HQF ,0 10# $:0#%$0 1'$,'502'4%! 6#%2$' -+ '+ .%'-05 6# 4 % +$*58 6 502'4%! $%;!0+ H$,0 40$#'2 +8+$04+'-' 2 *-$#'0+ 1,0#0 $,'+ '+ *+05 %-5 $,0 4 -0$%#8 $%;!0+ '-' #'' +$ 2 *-$#'0+ 0E20:$ 1,0#0 $,0 #'$'+,'*-'$+ %#0 04:! 805F ;06 #0 $,0 +*;&02$ '+ $%30-*:'-%-8 +2'0-$'6'2 1%8 HOF ,0 +$*58 6 502'4%! 6#%2$' -+ 1,'!0 $,*+ ;0'-.' 4'-.!05 1'$,'$,0 +$*58 6 2 4 4 -6#%2$' -+ %-5 $,0 $#%'-'-''-$,0 :0#%9 $' -+ 1'$,''-$0.0#+'+ $%30-*:'-%-8 +2'0-$'6'2 1%8 %6$0# $,0 +$*5& 6 2 4 4 -6#%2$' -+ ,%+ ;00-2 4 :!0$05 ,'+ '+ '-%22 #5 1'$,'$,0 ,'+$ #'2%! 5070! :40-$ 6 $,0 $1 3'-5+ 6 6#%2$' -%-5 1'$,'$,0 :+82, ! .'2%! 5'66'2*!$'0+ $;0 0-2 *-$0#05 HLF ,0 :0#%$' -+ %#0 $%*.,$ 1'$,' -!8 %+ 4*2,' 6 $,0 #8 %+'+0++0-9 $'%! $ %-'*-50#+$%-5'-.' 6 $,0 :# 20++0+ %-5 1'$, *$ #0U*'#'-.' $,0 :*:'!+ $ 404 #'G0 0E:!%-%$' -+ H)F ,0 '-$'4%$0 #0!%$' -+ ;09 $100-5'660#0-$ 6 #4+ 6 6#%2$' -+ %+ '-' $,0 '50-$'$8 'm K Q m QK ` %#0 04:,%+'G05 $,0 :*:'! ;0'-.'0-2 *#%.05'$:%++ 6#00!8 6# 4 -0 $ %- $,0# %+ 2 -5'$' -+ #0U*'#0 HPF ,0 #0!%$' - 6 $,0 6#%2$' -'$ %#%$' -+ %+ 22*:'05 % . 5 50%! 6 %$$0-$' - 6 !%$0 ;*$ '$+, *!5 ;0 #02 .-'G05$,%$'$,0 2 -20:$ 6 #%$' '+ 4*2, 4 #0 %;+$#%2$'$,%-'$,%$ 6 % 6#%2$' -%! :%#$ 6 %- ;&02$ H>KF ,#00 2 -20:$+ 6 % 6#%29 $' -!'30 6 %#0 #02 .-'G05'-'0!040-$%#8 $0%2,9 '-.' H%F ' 6 %$,'-.< HOF 6 %.# *:< H2F + !%#.0 %-5 $,0 :*:'! '+ $%*.,$ $ *+0 $,0+0 +070#%! '50%+'-',+ :# ;!04 1 #3 ,0 50$%'!+ 6 0E:!%-%$' - 6 $,0 :# 20++0+ %#0 +*66'2'0-$!8 $#0%$05'-'$,0 2*##0-$ $0E$9 ; 3+ %-5 $,0 4'- # : '-$+ 6 0E:0#'40-$ %#0 ,%#5!8 6 % -%$*#0 $ 504%-5 %$$0-$' -''-$,'+ 1 #3

6 / -%++ 2'%$' -6 # 0-2 *#%.'-.' $,0 +$*58 6 $,0 #0-2,!%-9 .*%.0'- #0-2,'2 ! -'0+%-5 6 #0'.-2 *-$#'0+ 1'$,' ,0%5U*%#$0#+'- %#'+< 6 *-505'-'>))M ;8 ,%#!0+ '++ $ %*! 0#$ %*! %4; - %-5 '2$ # *#*8 $ '+ 0++0-$'%!!8 - -9 +02$%#'%- %-5 - -:%#$'+%- %-5 +003+ $,0 2 :0#%$' - 6 :%$#' $'2 #0-2,40- 5':! 9 4%$+ $#%70!0#+'%-5 4'++' -%#'0+ $+'%'4+ %#0< 6'#+$'- #0-2,'2 ! -'0+ %-5 :# 02 #%$0+ $ $0%2,'$,0 #0-2,'!%-.*%.0'- #50# $ %++'4'9 !%$0 $,0 -%$'70+< +02 -5'- 2 *-$#'0+ +$'!! *-5070! :05 $,0!:$0%2,0#+ %-5 %$, !'2 # # $0+$%-$ 4'++' -%#'0+ ;8 0+$%;!'+,'-.' %-5 +*;+'5'G'-.' +2, !+'- 1,'2, #0-2,'+ $%*.,$< $,'#5 $ 0+$%;!'+,' #0!%$' -+ 1'$, #0-2,40- !'7'-.''-6 #0'.-2 *-$#'0+'- #50# $:#0+0#70 $,0 2*!$ 6 $,0'# -%$' -%! !%-.*%.0 $ #09 2#*'$+ 404;0#+ %-5 2 !!02$+ 6*-5+ 1'$,' 1,'2, % !%#.0 -*4;0# 6 +2, !+ %#0 +*;+'5'G05 '- *#308 +'% '- # 8#'% .8:$ %-5 %!! 70# $,0 1 #!5 (5 - $ K 9% / 4049 ;0#+,':2 #: #%$' - #.%-'G05 '- 01 #3 '$8 '- >)P) %- *$.# 1$, 6 $,0 (5 6 %#'+ %-5 '-2 #: #%$05 ;8 +:02'%! %2$ 6 $,0 0-%$0 %-5 ++04;!8 6 01 #3 $%$0 - %# NN >PKL 1'$, $,0 :%#$'2*!%# ;&02$ 6 0-2 *#%.'-.'- 01 #3 $,0 +$*58 6 $,0 #0-2,!%-.*%.0 %-5 6 0E$0-5'-.' $,0 3-1!05.0 6 #%-20 '$+ !'$0#%$*#0 %#$+ ,'+9 $ #8 %-5 + 2'%! !'60 %-5 '-.0-0#%! 6 5070! :9 '-.' + 2'%! #0!%$' -+ ;0$100-$,0 40#'2%-%-5 #0-2, :0 :!0 ,0 4 +$ '4: #$%-$ 6 $,0 40#'2%-.# *:+ 6 (5 6 -*4;0#'-.' OQK 404;0#+ '- >P>> '$:# 7'50+ 6 # '$+ 404;0#+ #0-2,!02$*#0+ 0-$0#$%'-9 40-$+ 50;%$0+ 5#%4%$'2 :0#6 #4%-20+ $ 0+$%;!'+,05'- >PKN $,0 01 #3 #0-2, %8 *#+0#8 %-5 0-$0#05 '-$ %- %.#00 40-$ 1'$, !*4;'% -'70#+'$8 660#'-.' 070#8 80%# $1 $0#4+ 6 6#00 0!040-$%#8 2 *#+0+ 6 # $,0 +$*58 6 $,0 #0-2,!%-.*%.0'6 # 1,'2, JOL +$*50-$+ #0.'+$0#05 5*#'-.'$,0 %2%50 4'2 80%# >P>K?>P>> 5 / 5 ((. % / -2 #: #%$05 '- 01 #3 $%$0 '- >PKN %- *$.# 1$, 6

, #$'2*!$*#0 6 # .'#!+ $,0 2%#0 6 2,'!5#0-6# 4 $,0'# 0%#!'0+$%.0 %-5 5 40+$'2 %#$+ 2 49 4'$$00 6 :%$# -%.0 '+ 0+$%;!'+,05 70# 0%2, +2, ! ,0 :*:'!+ 1, !0%70 $,0 ,'.,0# :#'4%#8 +2, !+ 0-$0# -70#8 5'70#+0 2%#00#+ 6$,0; 8+%22 #5'-.$ 66'2'%!+$%$'+$'2+%; *$ JK :0# 20-$ 0-$0# '-5*+$#8 2 440#20 # %.#'9 2*!$*#0 >Q :0# 20-$;02 40 04:! 80+ '- 66'20+ # +$ #0+)' :0# 20-$:# 2005 $ - #4%! +2, !+ 6$,0.'#!+>L:0# 20-$0-$0# $,0 - #? 4%6 +2, !+ 0 :0# 20-$;02 40 1 #30#+ # %::#0-$'20+'-2! $,0+ %-5 5#0++ 6%2$ #'0+ M :0# 20-$ $%30 04:! 840-$'- 66'20+ #+$ #0+ 0 / 0 % / 2 4:!0$0 $,0 05*9 2%$' - 6 2,'!5#0- 1, !0%70 $,0 :#'4%#8 +2, !+ %$ $10!70 # $,'#$00- %-5 1, 2%- - $ 0-$0# % :# 60++'-%! # ,'.,0# :#'4%#8 +2, ! 0'$,0# $,# *.,' 6%'!*#0 '- 0E%4'-%$' -+ # ;09 2%*+0 :70#8 '- + 40 04:! 840-$ %+ U*'23!8 %+ :++';!0 070-'-.2!%++0+ 2%!!05 (0 › 0 0 › ,%70 ;00- 0+$%;!'+,05 ,0+0 2 *#+0+ %#0 0+$%;!'+,05 '- $,0 +%40 1%8 %+ :#'4%#8 +2, !+ $,%$ '+ ;8 $,0 :#0602$+ %$ $,0 #0U*0+$ 6 $,0 4*-'2':%! 2 *-2'! 6 $,0 2 49 4*-0 %-5 - $,0 %57'20 6 $,0 -+:02$ # 6 $,0 2%5048 %-5 %#0 :!%205 *-50# $,0 2 -$# ! 6$,0 $%$0 %-5 4%8#020'70 %+$%$0+*;70-$' - -2 -5'$' - $,%$ $,0 2 44*-0 *-50#$%30+ $,0 2 +$ 6 ,0%$'-.%-5 !'.,$'-. ,08 %#0 *+*%!!8 *-50# $,0 5'#02$' - 6 $0%2,0#+ 4%!0 # 604%!0 %-5 070#8 80%# % 20#$%'- +*4 '+ '-+0#$05 '-' $,0 ;*5.0$6 # $,0'# #04*-0#%$' - ,0+0 2 *#+0+*:!040-$'$,0:#'4%#8 05*2%$' - %-5 '- %55'$' - :# 7'50 %22 #5'-.$ $,0 -005+ %-5 40%- 6 $,0 2 44*-0 4 #0 +:02'%!'G05 '-+$#*2$' - %5%:$05 $ $,0 '-5*+$#'0+ # %.#'9 2*!$*#0 6 $,0 5'+$#'2$,0 :*:'!+ 1, :*#9 +*0 $,0+0 2 *#+0+ -!8 :0-$ $, +0 %; 70 6'6$00- 80%#+ 6 %.0 %-5 1, ,%70 - $;$%'-05 $,0 (/ (› 0 6 4%8 :#0+0-$ $,04+0!70+ 6 # %- 0E%4'-%$' - +:02'%!!8 '-9 +$'$*$05 6 # $,04 $,0 (/ (› 0 0 6 1,'2,' +07'50-20 $,%$ $,08 ,%70 +*29 20++6*!!8 :*#+*05 $,0 070-'-2 *#+0 -'>P>K $,0#0 10#0 NNP :*;!'2 ,'.,0# :#'4%#8 +2, !+ 6 # ; 8+%-5 >JQ 6 # .'#!+ %$$0-505 ;8 NO OMP ; 8+%-5 >) NQP .'#!+

0+'50+ $,0 ,'.,0# :#'4%#8 +2, !+ 1,0#0 $,0 '-+$#*2$' - #0$%'-+ $,0 2,%#%2$0# 6 .0-0#%! 2*!$*#0 $,0#0 %#0 + 40 +2, !+ 1,'2,' :#0:%#0 506'-'$0!8 6 # $,0 7 2%$' -+ *2,' %#0 6'#+$' $,0 :#%2$'2%! +2, !+ 6 %.#'2*!$*#0 1,'2,' 4%8 ;0 0-$0#05 %$ $,'#$00- 80%#+ 6 %.0 %6$0# %-' 0E%4'-%$' - *'$' -'600+ %#0 2,%#.05 ,0#0 %#0 %!+ 4%-*%! %::#0-$'20+,':+2, !+ %-5 :# 60++'-%! ,'.,0# :#'4%#8 +2, !+ 1,'2,' %#0 #0.*!%$05 ;8 502#00+ 6 %#' >L %-5 (*!8 N) >)) ,08 %#0 *-50# $,0 5'#02$' - 6 $,0 '-'+$0# 6 *;!'2 -+$#*2$' - %-5 6 $,0 '-'+$0# 6 440#20 ,0 4%'-$0-%-20 6 $,0+0 +2, !+ 6%!!+ -' $,0 50:%#$40-$+ %-5 2 44*-0+ ;*$ $,0 +%!%#'0+ 6 $,0 +$%66 %#0 :%'5 ;8 $,0 $%$0 ,0 :*:'!+ 4*+$;0 $10!70 80%#+ 6 %.0 %-5 4*+$,%70 $,0 (/ (› 0

% ,0 2 *#+0 !%+$+ $,#00 80%#+ %-5 '-+$#*2$' -'+ 6#00 $,0 6'70 6 !! 1'-.2+, !+ 0+$%;!'+,05 '- %#'+ 1,'2, %#0 6 .#0%$' 4: #$%-20 ; $,' '- $,0 U*%!'$8 6 $,0 '-+$#*2$' -.'.70-5 %-5 '- $,0 -*4;0# 6 :*:'!+ H>F › (' 6 1"0#0 40$%! %-5 1 51 #3 %#0 $%*.,$ HN> › (80 6 %#$+ %-5 6*#-'$*#0 HJF › (6 %#$+ %-5 ; 3 '-5*+$#'0+ HMF › (3 + !6 :#%2$'2%! 50+'.- HQF › (8 =+ !6 50+'.- %-5 %::!'2%$' - 6 6'-0 %#$+ $ '-5*+$#8 ,0+0 +2, !+ %#0 *-50#$,0 2 -$# ! 6$,0 '-'+$0# 6 440#20 H 0:6*#$,0# 3# * % ' '% # 5 (% / ,'+'+$,0 -%40%5 :$05 '- #%-20 $ 50+'.-%$0 $,0 '-50#.%#$0- ;09 2%*+0 $,0 2%#0 $,0#0 .'70- $ 2,'!5#0-#02%!!+ + 6%# %+ : ++';!0 $,0 2%#0 .'70- $ 2,'!5#0-6# 4 $,0#' ,0+0 +2, !+ #020'70 $,0 2,'!5#0-6# 4 $,0 .0+ 6 $1 $ +'E 80%#+ $,%$ '+ *:$ $,0 %.0 1,0- $,08 %#0 #020'705 '-$ $,0 :#'4%#8 +2, !+ ,0#0 +, *!5 %!+ ;0 40-$' -05 $,0 0E'+$0-20 6 (/ 6 1,'2, $ + 40 0E$0-$ %#0 '-$0#405'%$0 ;0$100-'$,0 .(%-5 $,0 :#'4%#8 +2, !+ ,08 %#0 %$$%2,05 0'$,0# $ %-.(6 # $ % :#'4%#8 +2, ! R ,08 %#0 S %22 #5'-.$ $,0 #.%-9 'G'-.'502#00 6 (%- >) >))L R '-+$'$*$' -+ 6 # $,0 0%#!'0+$ 05*2%$' - 1,0#0 2,'!5#0- 6 ; $,' +0E0+ #020'70 '-2 44 -' $,0 2%#0 1,'2, ;0%#+ -' $,0'# :,8+'2%! 4 #%! %-5 '-$0!!02$*%! 5070! :40-$S # :0#!8 +:0%3'-.' $,08 %#0 - $ +2, !+ ;*$ $,0 2,'!5#0- %#0 $,0#0 :#0:%#05 $ ':*#+*0 %+2, ! 2 *#+0 ,0 :# .#%4 2 -9 +'+$+ 6 .%40+ %-5 + -.+ 4%-*%! 0E0#2'+0+ $,0 6'#+$:#'-2':!0+ 6 4 #%! 05*2%$' - $,0 4 #0 2 44 -'-6 #4%$' - !%-.*%.0 0E0#2'+0+ $,0 6'#+$ 0!040-$+ 6 50+'.-#0%5'-.' 1#'$'-. %-5 -*4;0# 1 #3 ,0#0 %#0 %$:#0+0-$ NO>J !%8 .(6 %-5 >MP) :#'7%$0 +2, !+ ;0+'50+ ,0 $0%2,'-.' +$%66 '+ 0E9 2!*+'70!8 604%!0 ,0 5'#02$#0++0+ 4*+$,%70 $,0 (/ (› 0 . <0 % *:0#9 7'+' -'+ 0E0#2'+05 ;8 $,0 #5'-%#8 '-+:02$ #+ + 40$'40+';*$ #%$,0# #%#0!8 ;8 + 40 50:%#$9 40-$%! '-+:02$#0++0+ %-5 ;8 $,0 .0-0#%! '-9 +:02$#0++0+ 6 .(% $ / $ $' +' 10!! 3- 1-$,%$ 2 9 05*2%$' - 1,'2, :#07%'!+ $ +*2,' %-' 0E$0-$ '-$,0 -'$05 $%$0+,%+ - $ 0-$0#05 '-$ $,0 #0-2, +8+$04 $'!! $,0#0 %#0 % 601, +2, !+ 1,0#0 ; 8+%-5 .'#!+ %#0 $ .0$,0# *-50# $,0 5'#02$' - 6 % 4%!0 # 604%!0 $0%2,0# ,0+0 %#0 2%!!05 4'E05 +2, !+ ,0#0 %#0 4 #0 $,%-' NK KKK 6 $,0+0 1'$, L>))LJ :*:'!+ # L>)))K '6 !.'0#+ '+ '-2!*505 , ; / $ $' +' 10!! 3- 1-$,%$ 2 9 05*2%$' - 1,'2, :#07%'!+ $ +*2,' %-' 0E$0-$ '-$,0 -'$05 $%$0+,%+ - $ 0-$0#05 '-$ $,0 #0-2, +8+$04 $'!! $,0#0 %#0 % 601, +2, !+ 1,0#0 ; 8+%-5 .'#!+ %#0 $ .0$,0# *-50# $,0 5'#02$' - 6 % 4%!0 # 604%!0 $0%2,0# ,0+0 %#0 2%!!05 4'E05 +2, !+ ,0#0 %#0 4 #0 $,%-' NK KKK 6 $,0+0 1'$, L>))LJ :*:'!+ # L>)))K '6 !.'0#+ '+ '-2!*505 , ; / $ 'E , *#+ 62!%++1 #3 %#0 .'70-'6# 4') JK $ >> JK %-5 6# 4'> KK $ M KK '070#8 5%8 0E20:$ *-5%8 1,'2, '+ % 5%8 6 #0+$ %-5 ,*#+5%8 1,'2, '+ !06$ 6#00 $:0#4 '$ $,0 %$$0-5%-20 6 :*:'!+ %$ #0!'.' *+'-+$#*2$' -' *$+'50 $,0 +2, ! -' %55'$' -' $,0#0 %#0 +070#%! , !'5%8+ 5*#'-.' $,0 80%# -' #0!'.' *+ 60+$'7%!+ 01 0%#¡+ %8 %-5 -' (*!8 >M $,0 -%$' -%! , !'5%8 ,0

$ #+ 6 $,0+0 $,0#0 %#0 6'#+$ $,0 '-+:02$ #+ 6 :#'4%#8 05*2%$' - %$!0%+$ -0 $ 0%2,' 5'+9 $#'2$ 4 *6 $,#00 # 6 *# $ 0%2,' 50:%#$40-$ %-5 MQM '- %!! ,08 %#0 - 49 '-%$05 ;8 $,0 '-'+$0# %-5 4*+$: ++0+ + :02'%! 5':! 4% $,0 (/(› 0 , (((((6 ;$%'-05 ;8 2 4:0$'$'70 0E%4'-%$' - 6 # 1,'2,' $0%2,0#+' 4%!0 %-5 609 4%!0 %$!0%+$ $10-$8?'70 80%#+ 6 %.0 1'$,' 6'70 80%#+ 6 +0#7'20 %-5 , !5'-.$,0 (/(› 0 0 / (6 %' !'20-+0 $ $0%2,' '- +02 -5%#8 +2, !+ %#0 0!.';!0 0%2,0#+ 1, , !5 -!8 $,0 2 0 0 %-5 $,0 (/(› 0 = <0 6 '6 $,08 ,%70 +0#705 $0- 80%#+ %#0 %!+ %54'$$05 ,0 :#'4%#8 '-+:02$ #+ 4*+$ 7'+'$ $,0 +2, !+ 6 $,0'# 2'#2*4+2#':$' - 0%2,' 80%#' 6$0# 0%2,' 7'+'$ $,08 4*+$ '-6 #4 $,0'# +*;9 #5'-%$0+' '- %1#'$$0-' ;*!!0$'-' -' 1,%$: '-$+ $,0'# 1 #3 1%+ +%$'+6%2$ #8 # '- 1,%$ '$ 1%+ '-O66'2'0-$' - %55'$' - $ $,0 5*$'0+ 6 '-9 +:02$' - $,0 '-+:02$ #+ %#0 2,%#.05 1'$,' %59 4'-'+$#%$'70 6*-2$' -+ $,08 %57'+0 - $,0 %:: '-$40-$ %-5 :# 4 $' - 6 $0%2,0#+' - $,0 0#02$' - %-5 2 -+$#*2$' - 6 +2, !+ 0$2 70# $,0 :#'4%#8 '-+:02$ #+ %#0 $,0 '-9 +:02$ #+ 6 %2%504'0+ 1, %#0 #0%!!8 $,0 ,0%5+ 6 50:%#$40-$+ 6 # :#'4%#8 05*2%$' - ,0+0 66'2'%!+ 1, %!+ :!%8 %-' '4: #$%-$:%#$' '- +02 -5%#8 05*2%$' - %:: '-$ $,0 6 :# : +0 $,0 -%40+ 6 0 6 4%!0 %-5 609 4%!0 $ $,0 :#0602$ #020'70 $,0 #0: #$+ 4%50 $ $,04 ;8 $,0 :#'4%#8 '-+:02$ #+ %6$0# 0%2,' '-+:02$' - %-5 :#0+'50 %$ $,0 %54'-'+$#%$'70 2 *-2'!+ 6 - #4%! +2, !+ 0$2 '-%!!8 $,0 .0-0#%! '-+:02$ #+ 6 :#'4%#8 05*2%$' - $ $,0 -*4;0# 6 $0- +*:0#7'+0 $,0 1, !0 +8+$04 6 '-+$#*2$' - ,08 %#0 +0-$ %--*%!!8 - % 4'++' - $ $,0 +2, !+ 6 %#'+ %-5 6 $,0 509 :%#$40-$+ ,0#0 %#0 %!+ .0-0#%! '-+:02$ #+ 6 %22 *-$+ 6 50+'.- %-5 6 .84-%+$'2+ ,0 :10#+ 6 $,0 #02$ #+ %#0 7%#' *+ ,0'# %*$, #'$8 0E$0-5+ 70# $,0 $,#00 6'0!5+ 6 05*2%$' - ;*$ + 6%#' %+ :#'4%#8 05*2%$' - '+ 2 -20#-05 +70#8 !'4'$05 +'-20 $,08 5 - $ $%30 :%#$ '- $,0 %:: '-$40-$ 6 $,0 $0%2,0#+ 1,'2,' 507 !70+ - $,0 :#0602$+ %-5 $,0 '-+:029 $ #+ 6 $,0 %2%504'0+ %-5 '+ -!8 0E0#2'+05 ;8 $,0 #02$ # 6 !.'0#+ $ 1 *!5 ;0 ! .'2%! $,%$ $,'+ :#%2$'20 +, *!5 ;0 6 !! 105 '- %!! $,0 %2%504'0+ %-5 $,%$ $,0 %:: '-$40-$ 6 $0%2,0#+ +, *!5 ;0 4%50 ;8 $,0 *-'70#+'$8 ,0%5+ %-5 - $;8 % :!'$'2%! 66'2'%! !'30 $,0 #0602$ 6 $,0 50:%#$40-$,'+ #06#4 ,%+ ;00- :# &02$05 +070#%! $'40+ ;*$ *:' $ $,0 :#0+0-$ 1'$, *$ +*220++ ' 0 (/ ,0#0 '+ 6*#$,0# '- 0%2,' 50:%#$40-$ % 50:%#$40-$%! 2 *-2'! :#0+'505 70# ;8 $,0 :#0602$ %-5 2 -+'+$'-. 6 .0-0#%! 2 *-2'!! #+ 6 $0%2,0#+ %-5 '-9 +:02$ #+ ,'+ 2 *-2'! %:: '-$+ $,0 2%-$ -%! 50!0.%$0+ #0:#0+0-$'-. 6%4'!'0+ %+ 10!! %+ $,0 $0%2,0#+ +:02'%!!8 2,%#.05 1'$,' $,0 0E%4'-%9 $' - 6 $,0 2 -5'$' - 6 :#04'+0+ 0U*':40-$,0%!$,' %-5 2 -5*2$ 6 $,0 :*:'!+ ,08 50$0#4'-0 $,0 -*4;0#' -%$*#0 %-5 ! 2%$' - 6 :*;!'2 :#'4%#8 +2, !+ $,0 -*4;0# 6 $0%2,0#+ 04:! 805 $,0#0'-' %-5 +*:0#7'+0 $,0 2%##8'-. *$ 6 $,0 2*##'2*!*4 ,'+ '+ -0 6 $,0 4 +$ '4: #$%-$ #.%-'G%$' -+ '- $,0 %54'-'+$#%$' - 6 #0-2,' 0!040-$%#8 05*2%9 $' - $' '+ +$'!! 2,%#.05 1'$,' $,0 5*$8 6 %59 7'+'-. - 20#$%'-' 5'+2':!'-%#8 :0-%!$'0+ '49 : +05 - $0%2,0#+ H$04: #%#8 # :0#4%-0-$ ++*+:0-+' -F %-5 6 502'5'-. $,0#+ H20-+*#0 #07 2%$' -F ,0 $0%2,0#+ 4%8 %:0%! %.%'-+$ $,0+0 :0-%!$'0+ ;06 #0 $,0 0 0 ,› 0(02 <0 % - .(/ ,0 :#60++' -%! :#0:9 %#%$' - 6 $0%2,0#+ '+ +02*#05 '- $,0 - #4%! +2, !+ ,0#0 +, *!5 %22 #5'-. $ $,0 .09 0#%! :#'-2':!0 ;0 -0 - #4%! +2, !6 # ; 8+ %-5 -0 6 # .'#!+ '- 0%2,' 50:%#$40-$ *$ #09 20-$!8 $,# *.,' #0%+ -+ 6 02 - 48 $1 2 -9 $'.* *+ 50:%#$40-$+ ,%70 ;00-' %*$, #'G05 $ 4%30 %.#0040-$+ $ *-'$0 6 # $,0 0+$%;!'+,9 40-$ 6 % - #4%! +2, ! 0-20 $,0#0 %#0 -!8 0'.,$8?'70 - #4%! +2, !+ 6 # 4%!0 $0%2,0#+ %-5 0'.,$8?6 *# 6 # 1 40-' $0%2,0#+ 0 +$*50-$+ %#0 %54'$$05 ;8 %2 4 :0$'$'70 0E%4'-%$' - %-5 #04%'- 6 # $,#00 80%#+ '$,' $1 0E20:$' -+ H &%22' %-5 %. -F $,0+0'+2, !+'1,'2,'%#0 6#00'%#0 ; %#5'-.'+2, !+ 4 *% ,0 +$*50-$+ 4*+$, !5 $,0 2 ;06 #0 :#0+0-$'-.' $,04+0!70+ 6 # $,0 0E%4'-%$' - $ $,0 0-5 6 $,0 +02 -5 80%# $,08 $%30 $,0 0E%4'-%$' -'6 #$,0 2 0= . 0)%-5 5*#'-.'$,0 $,'#5 80%# 1,'2,''+ 4 #0 +$#'2$!8 :# 60++' -%! $,08 #020'70 $,0'# 5'#02$:#%2$'2%!' $#%'-'-.''- +2, !'-+$#*2$' -' '- $,0 :#%2$'20 +2, !+ 4 (* %$$%2,05 $ $,0 '-+$'$*$' -+ 0#0 $,08 .'70 $,0 '-+$#*2$' -' ;8 $*#-+ *-50# $,0 5'#02$' - 6 $,0'# $0%2,0# %2,' - #4%! +2, ! ,%+ %$ '$+ ,0%5 % 5'#02$ #' 4%-' # 1 4%-' %++'+$05 ;8 % ;*#+%# %-5 %-' %54'-'+$#%$'70 2 *-2'! ,0 :# 60+9 + #+ 6 !0$$0#+ %-5 6 +2'0-20 -*4;0# JL)'-' $,0 - #4%! +2, !+ 6 # 40-'?%-5 JOM '-' $, +0 6 # 1 40-' ,08 %#0 %:: '-$05 ;8 $,0 '-'+$0# %6$0# % 2 4:0$'$'70 0E%4'-%$' - $ 1,'2, -!8 $0%2,0#+ $10-$8? -0 80%#+ 6 %.0 %-5 , !5'-. $,0 2 0 0 6 %-5 1'$,' $1 80%#+ 6 +0#7'20 %#0 %54'$$05 %-5 %+ %#0+*!$ 6 1,'2,' $,0 (/(› 0 0 / ' .('+ .'70- 6%2'!'$%$0 $,0 :#0:%#%$' - 6 # $,'+ 0E%4'-%$' - $,0#0 %#0 $1 :#'4%#8 ,'.,0# - #4%! +2, !+ %$ $! *5 6 # 40- %-5 %$ -$0-%8 %*E +0+ 6 # 1 40- ,08 %#0 !'30 $,0 - #4%! +2, !+ 6#00 %-5 0-$#%-20 '+ #0.*!%$05 ;8 2 4:0$'$'70 0E%4'-%$' - ,0 +$*50-$+ 4*+$;0 6# 4 -'-0$00-' $ $10-$8?'70 80%0+ 6 %.0 4*+$,%70 $,0 2 0 0 6 %-5 ;'-5 $,04+0!70+ $ +0#70 6 # $0- 80%#+ '- % :*;!'2 +2, !' %- ;!'.%$' -''-$ 1,'2,' 2%-5'5%$0+ 6 # $,0 - #4%! +2, !+ 4*+$ %!+ 0-$0# ,0 /' (% / -' !0%7'-.' $,0 - #4%! +2, !+ #,0 $,0 .#%5*%$0+ %#0 %:: '-$05 ;8 $,0 '-+:02$ # 6 $,0 2%50 48 %+ $04: #%#8

$0%2,0#+4 *6%-5 +0#70 6 # % :0#' 5 6 %$!0%+$ $1 80%#+ '- -0 +2, !' %$ $,0 0-5 6 1,'2,',08 %#0 %!! 105 $:#0+0-$ $,04+0!70+ 6 # %- 0E%4'-%$' - - :%++'-1,'2,',08 %#0 %1%#505 $,0 (/(0 <0 6 %-5 1,'2,' -2!*50+ %1#'$$0- #%! %-5 :#%29 $'2%! $0+$,0 !%+$ 2 -+'+$+ 6 2!%++ !0++ -+ .'70-$: *:'!+'-$,0 :#0+0-20 6 $,0 0E%4'-9 '-2 4 4'++' - ,0- $,08 ,%70 ;$%'-05 $,'+ 20#$'6'2%$0 1,'2,' '+ 07'50-20 6 $,0'# :# 9 60++' -%! %;'!'$8 $,0 %#0 %:: '-$05 :0#4%-0-$!8 *-50# $,0 -%40 6 0 ;8 $,0 :#0602$ -$,0 #02 4 4 0-5%$' - 6 $,0 '-9 +:02$ # 6 $,0 %2%50 4 8 ,0 -#4%! +2, !: *:'!+ %-5 $,0 :*:'! $0%2,0#+ -*4;0# 4 #0 $,%-'>K KKK -'>PKL %6$0# $,0 $,#00 80%#+ 6 +$*58 >O>O 40-!06$ $,0 -#4%! +2, !+ %-5 >OLQ 1 40- ,'+ %--*%! $#%'-'- 6 4 #0 $,%- JKKK +$*50-$+ 5 0+-$ %!1%8+ +*66'20 $ 6'!! $,0 7%2%-2'0+ 2%!! '+ $,0#06 #0 4%50 -$,+0 2%-5'5%$0+1, ! 5 $,0 2 0 0 % ' (!' + % / ' .#%5*%$05 +8+9 $04 6 :0-%!'0+6 # $0%2,0#+'-:#'4%#8 +2, !+ %+ 0+$%;!'+,05 ;8 $,0 !%1 6 2$ JK >))O ,0 :0-%!'0+ %-5 $,0 %*$, #'$'0+1, '4: +0 $,04 %#0 H F #0:#'4%-5 ;8 $,0'-+:02$ # 6 $,0 %2%50 4 8 H F 20-+*#0 ;8 $,0 '-+:02$ # 6 $,0 %2%50 4 8 -$,0 %57'20 6 $,0 50:%#$40-$%! 2 *-2'! HJF 5'+4'++%! ;8 $,0 :#0602$ -$,0 #02 4 4 0-5%$' - 6 $,0'-+:02$ # %2$'-.' -$,0 %57'20 6 $,0 +%40 2 *-2'! HMF $0 4: #%#8 +*+9 :0-+ - %-5 HQF :0#4%-0-$ 50;%#40-$;8 $,0 2 *-2'! 6# 4 1,'2,' $,0 660-50# 4%8 %:0%! $ $,0 *:0#' # *-2'! 6 *;!'2 -9 +$#*2$' - 0 % / ,0 +*:#040 ,0%5 6 $,0 +8+$04 '+ $,0 '-'+$0# 6 *;!'2 -+$#*2$' - 1,' +%++'+$05 '4405'%$0!8 ;8 $,#00 5'#02$ #+ -0 6 # 0%2,6 $,0 $,#00 ;#%-2,0+ 605*2%$' -:#'4%#8 +02 -5%#8 %-5 ,'.,0# ,0#0 '+ 6*#$,0# % 6 *#$,' 5'#02$ # 6 %22 *-$+ 2,%#.05 1'$,' $,0 %54'-'+$#%$' - 6 $,0 0E:0-5'$*#0 6 $,0 50:%#$40-$ %2,' 5'#02$ # '+ %$' $,0 ,0%5 6 +070#%! ;*#0%*+ 0%2,' 1'$,' +:02'%!6*-2$' -+ 0! 1 $,0 '-'+$0# 2 40 $,0 #02$ #+ 1, %#0 2,%#.05 1'$,' $,0 %54'-'+$#%$' - '-,'+ -%40 %-5 *-50# ,'+ #50# 6 $,0 +070-$00- 05*2%$' -%! 5'7'+' - 6 #%-20 2%!!05 %2%59 04'0+ - $,0 2%50 4 8 6 %#'+ $,0#0 '+ -!8 %7'20?#02$ # $,0 $'$!0 '6 - $ $,0 5*$'0+ 6 #02$ # ;0! -.'-.' $ $,0 '-'+$0# ,'4+0!6 ,0 +'E$00- $,0# %2%50 4 '0+ %#0 'E 0+%-] - #50%*E %0- ,%4;"#8 !0# 4 -$? 0#9 #%-5 '& - #0- ;!0 '!!0 8 -+ -$9 :0!!'0#' %-28 '$'0#+ 0--0+ *! *+0 %-5 !.'0#+ /' + ! 0(% / ,0 ;*5.0$ 6 # :#'4%#8 05*2%$' - '+ !%#.0 H 00 * ' '% # ' 0E:!%'-05 *-50# $,'+ $:'2%- %22*#%$0 2 4 :%#%$'70 +$%$040-$ 6 $,0 2 +$ 6 05*2%$' - '-'7%#' *+ 2 *-$#'0+ '+ - $: ++';!0 , 0 50$%'!+ 6 $,0 +*4+'-2!*505 '-'$,0 ;*5.0$ 6 # >P>K %#0 %+ 6 !! 1+ /

%!%#'0+ H- $'-2!*5'-.'$ 1-+1'$, 4 #0 $,%-'>QK KKK '-,%;'$%-$+F >LL >PJ))KK 6#%-2+ -$#';*$05 ;8 $,0 $%$0 $ 1-+ 6 70# >QK KKK : :*!%$' - Q KKK KKK 6#%-2+ '.,0#:#'4%#8 05*2%$' - M)L) NMO 6#%-2+ #4%!+2, !+'+%!%#'0+ M JKK NJQ 6#%-2+ #4%!+2, !+'0U*': 40-$ M)OO KKK 6#%-2+ '.,0#:#'4%#8 - #4%!+2, !+ JNQ OKK 6#%-2+ -+:02$' - A N MOO JQK 6#%-2+ 0-0#%!'-+:02$' - >JK KKK 6#%-2+ *#+%#'0+ H6 # $#%70!'-.' %-5 6 #9 0'.-'7'+'$+F)KK KKK 6#%-2+ E:0-+0+ 6 +*;+$'$*$0+ %-5 +'23' :%8 > KMJ NKK 6#%-2+

,'+.'70+ %$ $%!6 0E:0-5'$*#0 %4 *-$'-2! +0 $ NKK KKK KKK 6#+ $,'+ 4*+$;0 %5505 $,0 0E:0-+0+ 6 $,0 2 4 4*-0+ 6'#+$ $, +0 1'$,' %: :*!%$' - 70# >QK KKK 1,'2,' 2 -$#';*$0 %!%#.0 +,%#0 $ 1%#5 $,0 +%!%#'0+ 6 $0%2,0#+ %-5 $,0-%!! $,0 2 4 4*-0+ 1,'2,' 4*+$:%8 2 4:0-+%$' - 6 # #0-$ %-5 ! 5.'-.' *#$,0# %-%-*%! 2#05'$ '+ '-+2#';05 '- $,0 ;*5.0$ 6 # $,0 2#0%$' - 6 +2, !+ %-5 : +$+ ,0 $%$0 ,%+ +:0-$0- #4 *+ +*4+ -$,'+ 6 # $,0 !%+$ $,'#$8 80%#+ %-5 '- >P>K +0$ %+'50 O)K KKK 6#%-2+ . % / ,0 2!%'4 ,%+ 6#0U*0-$!8 ;00- 4%50 $,%$ 1 40- $0%2,0#+ ;0 :%'5 0U*%! +%!%#'0+ 1'$, 40- -$,0 :#'-2':!0 6 ?0U*%! 1 #3 0U*%! U*%!'6'2%$' -+ 0U*%! :%8 S *$ $,'+ :#'-2':!0 5 0+ -$ 80$:#07%'!'-$,0 !0.'+9 !%$' - 6 #%-20 %-5 $,0 1 40- %#0 :%'5 !0+ $,%-$,0 40-%$ %-8 #%$0 '-$,0 $,'#5 +02 -5 %-5 6'#+$ 2!%+0+

	%**	#	(	#
.		/ % >>KK	/ % >>KK	
	'6$, *#$, ,'#5 02 -5 '#+$	>NKK >QKK >)KK NKKK NNKK	>NKK >MKK >OKK >)KK NKKK	

$,0 6'E05 +%!%#'0+ %#0 %5505 2 4:0-+%9 $' - 6 # #0-$ '-$,0 2 4 4*-0+ 1,'2,' %#0 $,0 2%:'$%!+ 6 2%-$ -+ # 1,0#0 $,0 : :*!%$' - '+ %; 70 >KKK ,'+ 2 4:0-+%$' - 7%#'0+ 1'$, $,0 : :*!%$' -< '-5'+$#'2$+ 6 □□□'-,%;'$%-$+ '$ '+ □□ 6#+ %-5 #'+0+$) KK 6#+ '-'70#8 !%#.0 $ 1-+ %-5 $ NKKK 6#+ '- %#'+ + % / 0%2,0#+ ,%70 % #'.,$ $ % #09 $'#'-.':0-+' - %$ $,0 %.0 6 6'6$8?6'70 %-5 %6$0# $10-$8?6'70 80%#+ 6 +0#7'20 *$ % !%#.0 -*4;0# '6 $,08 %#0 +$'!!' -. 5 ,0%!$,2 -9 $'-*0 '-$,0'# 5*$'0+;08 -5 $,'+ ,0 !%1 6 *.' >L))LO 1,'2,' #0.*!%$05 $,0 4%$$0# 6'E05 $,0 %4 *-$ 6 $,0 :0-+' - %$ - $!0++ $,%-'OKK 6#+ 6 # 40-'%-5 QKK 6#+ 6 # 1 40- 0 !', 0 % / ' :#0+0-$ %-' %!9 4 +$ 2 4:!0$0 '50% 6 $,0 +8+$04 6 :#'4%#8 05*2%$' - '$ 1 *!5 ;0 -020++%#8 $ 40-$' - 7%#' *+ '-+$'$*$' -+ %*E'!'%#8 $ $,0 +2, !' H>F / (<0 6 %:0#' 5'2%!' %+0 4 9 ;!8 $ 1,'2,' $,0 %#0 +*4 4 -05 $

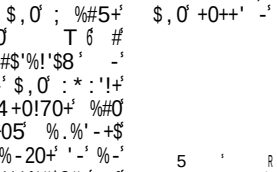
5'+2*++ 05*2%$' -%! U*0+$' -+ %-5 $ 5%1 * : %
!'+$ 6 +2, ! $0E$; 3+ HNF 2 6 $,#00
$8:0+ H F :05%. .'2%! 6 # *+0 6 $0%2,0#+ -0
'- 0%2, 2%-$ -%! 2%:'$%! H F 6 # : *: '!+ -0 '-
O%2, +2, ! %-5 H2F : *; !'2 6 # $,0 :%#0-$+ %+
10!! %+ $,0 2,!5#0- HJF .(2 9 6
1,'2, %'4 %$ '-+$'!!'-. '- $,0 : *: '!+ 0%#!8
,%;'$+ 6 #50# %-5 $,#'6$ HMF 0 =
<0 6 ! 2%$05 '- %#'+ %-5 2 -$%'-'-. +2, !
0U*': 40-$ $0%2,'-. %: :%#%$*+ %-5 % . 5
!';#%#8 1,'2,' + :0- $ #0%50#+ '- %#'+ %-5
%!+ 2'#2*!%$0+ '$+ ; 3+ %-5 !%-$0#-+ +!'50+ '-
$,0 :# 7'-20+ +0-5'-. $,04 6#00 -+ #0U*0+$
,0#0 '+ 6*#$,0# %$ $,0 *+0*4 % *#0%*+ 6
*;!'2 5*2%$' - H 00 * *5
+ 0(% / O6 #0 $,0 !%1 6
>PKM 1,'2, +*: :#0++05 $,0 $0%2,'-. #50#+
$,0 -*4;0# 6 :#'7%$0 +2, !+ *-50# $,0 2 -9
.#0.%$' -+ ,%5 #'+0- $ O>QL >N) +2, !+ 6 #
; 8+ *-50# $,0 ,#'+$'%- # $,0#+ %-5 M)OP
+2, !+ 6 #.'#!+ *-50# '+$0#+ 6 5'660#0-$ #50#+
,0+0 +2, !+ 10#0 .#%5*%!!8 2! +05 ;8 $,0
:0#%$' - 6 $,0 !%1 6 (*!8 >L >PKN 070#%!
+2, !+ +$'!! 2 -$'-*0 $,0#0 10#0 - (*-0 >
>PKP 6'6$8?+'E +2, !+ 6 $,0 ,#'+$'%- # $,0#+
%-5)J +2, !+ 6 '+$0#+ *#$,0# % !%#.0
-*4;0# 6 $,0 2! :+05 +2, !+ ,%70 ;00- #09
:0-05 1'$,'% !%8 # +02*!%# +$%66 $,0 404;0#+
6 $,0 #50#+ ,%7'-.' 0E2,%-.05 $,0'# 022!0+'%+9
$'2%! .%#;'6 # 2'7'!'%- 4*6$' - (*-0 > >PKP
$,0#0 10#0 JKOP #0 :0-05 %+ :#'7%$0 !%8 :#'9
4%#8 +2, !+ PPN 6 # ; 8+ %-5 NKLL 6 # .'#+$
,0 :#'7%$0 +2, !+ %#0 0+$%;!'+,05 %-5 4%'-9
$%'-05 ;8 '-5'7'5*%!+ # ;8 %++ 2'%$' -+ ,0
$%$0 !0%70+ $,04 6#00 '- #0+:02$$ 2*##'2*!*4
%-5 40$, 5 ;*$ $,0 +%40 U*%!'6'2%$' -+ %+ $
%.0 %-5 %;'!'$8 %#0 504%-505 6# 4 $,0'#
$0%2,0#+ %+ 6# 4 :*;!'2 +2, ! $0%2,0#+ ,0
6 #4%!'$'0+ 6 # :0-'-. %:#'7%$0 +2, ! 2 -9
+'+$ 6 % 502!%#%$' - 4%50 $ $,0 4%8 # 6 $,0
2 4 4*-0 '-5'2%$'-.' 1,0#0 $,0 +2, ! '+ $;0
0+$%;!'+,05
/ '+$ #'2%!'
/ 02 -5%#8 05*2%$' - 1%+ 66'2'%!!8 0+$%;9
!'+,05 ;8 $,0 !%1 6 %8 >> >)K0 H2 -6'#405
;8 502#00 6 %# >L >)K)F ;8 1,'2, $,0 -'9
70#+'$8 6 #%-20 1%+ 6 *-505 %+ %-'-+$#*2$9
'-.'2 #: #%$' - +$%-5'-.'%! -0 %-5 50:0-50-$
-$,0 $%$0 -$'!$,%$ $'40 05*2%$' -',%5 #09
4%'-05 %!4 +$0-$'#0!8 % 4%$$0# 6 # $,0 ,*#2,'
,0 *-'70#+'$0+ $,04+0!70+ 1,'2,' -' $,0'#
6%2*!$'0+ 6 %#$+ .%70 %- 05*2%$' - 0U*'7%!0-$
$ $,0 +02 -5%#8 10#0 50:0-50-$ - $,0
022!0+'%+$'2%! %*$, #'$8 *$ %; 70 %!! $,0
#0!'.' *+ 2 #: #%$' -+ %-5 '- :%#$'2*!%# $,0
2'0$8 6 (0+*+ 0+$%;!'+,05 '- >QMK 4 - :9
!'G05 05*2%$' - - $,0 +070-$00-$,' %-5
0'.,$00-$,' 20-$*#'0+ $,0 2 !!0.0+ 6 $,0 (0+*'$+
6! *#'+,05 %; 70 %!! $,0#+ %-5 ?#0$%'-05 $,%$
: +'$' - *-$'! $,08 10#0 2! +05 '- >LOM 1,0-
$,0 (0+*'$+ 10#0 0E:0!!05 6# 4 $,0 3'-.5 4
- ?$,0# #0!'.' *+ 2 #: #%$' - $,0 #%$ #'%-+
$ 3 $,0'# :!%20 $ + 40 0E$U-$'%-5 6 # % $'40
10#0 +*220++6*!' *$ $,0 07 !*$' - ;# 30
$ %-5 +: :#0++05 $,0 *-'70#+'$'0+ %-5 $,0
2 -.#0.%$' -+ #0:!%20 $,0 2 !!0.0+ $,0#0
10#0 0+$%;!'+,05 20-$#%! +2, !+ 2 4 : +'$0
'-+$'$*$' -+ 1,'2, 2 4;'-05 '-5*+$#'%! %#$+
%-5 !'$0#%#8 +$*5'0+ %-5 40$ 1'$,';*$ 4 50#%$0
+*220++ ,08 5'+%: :0%#05 %6$0# % 601 80%#+
;0'-.' %; !'+,05 ;8 $,0 !%1 6 %8 >' >)KN
$ 1%+ $,0-$,%$ %: !0 -2#0%$05 *$ 6 %!!
$,0 +02$' -+ $,0 -'70#+'$8 6 #%-20 1,'2,
1'$,' + 40+:02'%! 6%2*!$'0+ 6 ,'.,0# 05*2%$' -
*-'$05 $,0 !82 0+ %-5 2 !!0.0+ 6 +02 -5%#8
'-+$#*2$' - ,0 -'70#+'$8 6 #%-20 +$'!!
0E'+$+ %$!0%+$' '- %40< %-5 '$ '+ $;0 #0.#0$$05
$,%$ $,0#0 '+ ;*$ -01 #5 $ 50- $0 -$,0 -0
+'50 %!! $,0 +2, !%+$'2 '-+$'$*$' -+ %-5 -$,0
$,0# $,0 '-+$'$*$' -+ 6 # ,'.,0# !0%#-'-.'
#020-$!8 #02 -+$'$*$05 *-50# $,0 $'$!0 6 *-'9
70#+'$8 / ;*$, 1'2,%-.05 %-5 5'660#0-$ 6# 4'
1,%$ '$ 1%+ #'.'-%!!8 %: !0 -,%5'-70+$05
'$ 1'$,' % 4 - : !8 '- 05*2%$' - %-5 '$ %! -0
1%+ 2,%#.05 1'$,' $,0 :# 7'+' - 6 -%$' -%!
05*2%$' - 1,'!0 - 1'$,'+ 4 - : !8 - ! -.0#
0E'+$+ %-5 $,0 6#005 4 6 '-+$#*2$' -',%+ ;00-
!0.%!!8 0+$%;!'+,05 %-5 %!$, *.,'$,0 4 - : !8
6 $,0 *-'70#+'$8 +504%-505 '- + 40 U*%#$0#+
$,0#0 '+ #0%+ -$;0!'070 $,%$ 6#005 4 1'!!;0
4%'-$%'-05 ;02%*+0 '$ 2 -6 #4+ $ #0:*;!'2%-
:#'-2':!0+ *#$,0#'$,0 2*##'2*!% 6 +02 -5%#8
05*2%$' - ,%70 ;00- 2 -+'50#%;!0 4 5'6'05
-50# $,0 :#0++*#0 6 $,0 4 50#-+:'#'$ $,0#0
,%+ ;00-% 6%'!*#0 $ #0$%'-20#$%'-+$*5'0+
1,'!0 $,0#+ - $%;!8 4 50#-!%-.*%.0+ ,%70
;00-'-$# 5*205< $,0#0 ,%+ ;00-% 5'+2'0-20-$
1'$,'$,0 2!%++'2%! +$*5'0+%-5 $,0 !5 ,*4%-'9
$'0+ %-5 %-5%:$%$' - 6 $,0 2*##'2*!*4 $
4 50#-005+ 6 + 2'0$8 0-20 % !82 0 6
>P>K ;0%#+!'$$!0 #0+04;!%-20 $ %!82"0 6 >)>K
1,0#0 %!4 +$ - $,'-.';*$ %$'-%-5 4%$,09
4%$'2+ 10#0 $%*.,$
6$0# $,0 6%!! 6 $,0 '#+$ 4:'#0 $,0 '49
:0#%! !82 0+ ;02%40 $,0 # 8%! 2 !!0.0+ .%'-
;02 4'-.'!82"0+ *-50# $,0 0:*;!'2 6 >)M %-5
$,0 02 -5 4:'#0 $,0#0 1%+ - :%!:%;!0
2,%-.0 '-$,0'# 2,%#%2$0# $ 4%8 ;0 #02%!!05
-!8 $,%$ 6 # % $'40 $,0 +$*5'0+ 10#0 5'7'505
'-$ $1 '+02$' -+ / '!0$$0#+ %-5 +2'0-20 $,'+
'+ 3-1-%+ $,0 :0#' 5 6 ;'6*#2%$' - -5
$,'+ %##%-.040-$ 1%+ 6*#$,0# 5'7'505 *-50#
$,0 ,'#5 0:*;!'2 %-5 4 50# '-+$#*2$' -
1'$, *$ %$'-# #003 1%+ 5'+$'-.*'+,05 6# 4
$,0 2!%++'2%! % +8+$04 %!#0%58 '- :0#%$' -
*-50# $,0 02 -5 4:'#0 1,0-'+:02'%! '-+$#*29
$' -1%+ 0+$%;!'+,05
#0+0-$ -5'$' -+ / ,0'+8+$04 6 +02 -59
%#8 05*2%$' -1%+ #0.*!%$05 %-01;8 $,0 502#00
6 %8 J> >PKN 1,'2, 1%+ '-+:'#05 ;8 $,0
#0: #$;%+05 - % :%#!'%40-$%#8 '-U*'#8
#.%-'G05 '- >)PP %-5 :#0+'505 70# ;8
!0E%-50# '; $ $,0 #'40 '-+$0#' -
$,0 2 *#+0 6 $,0 '-U*'#8 $,0 4 +$ 2 4:0$0-$
05*2%$ #+'- $,0 2 *-$#8 10#0 2 -+*!$05 ,0
+8+$04',%+ - 1';00-''-6 #20 0'.,$ 80%#+ %-5
1,'!0 ;&02$' -+%-5 2#'$'2'+4+ ,%70 ;00-#%'+05
'$' + .0-0#%!!8 %220:$05 %-5 '$ +004+ ,%$ '$
1'!! +$%-5 %!$, *.,'$:%+$ 0E:0#'0-20+, 1+ $,%$
'-+*2, 4%$$0#+ $,0#0 '+ - $,'-.'6'-%! 02 -5?

0-$0# $,0 !82 0 # 2 !!0.0 * -$'! $,0 +'E$, 2!%++ $,0 6'#+$ 80%# 6 +02 -5%#8 +$*5'0+ $,%$ '+ - !0%7'-. $,0 :#'4%#8 +2, !+

 8 ((0 % / ,0 50.#00 6 ;%2,0! # 6 #4 $,0 -%$*#%! 2*!4'-%$' - 6 +02 -5%#8 05*2%$' - '$ '+ $,0 #01%#5 1,'2, 2# 1- $,0 +$*5'0+ ,0 ;%22%!%*#0%$0 ,% ;00- 6#09 U*0-$!8 %$%%2305 :#0++ 2%4:%'.- ,%70 ;00- 2 -5*2$05 6 # '$ +*::#0++' - ;*$ '$ #0+'+$+ %!! %$$%23 $' '+ $,0 -020++%#8 :%++: #$ 6 # 0-$0#9 '-. - ,'.,0# +$*58 1 0!+0 $,%- ;8 6'-%! 0E%4'-%$' - '+ '$: ++';!0 $ 3- 1 1,0$,0# % +$*50-$,% :# 6'$05 '- ,'+ +02 -5%#8 +$*5'0+ %-5 '+ 6'$ $:*#+*0 % 2 *#+0 %$ $,0 *-'70#+'$8c $$04:$,%70 '-5005 ;00- 4%50 $ %40!'9 #%$0 $,0 2 -5'$' - *-50# 1,'2, $,0 0E%4'9 -%$' - $%30- %-5 $ 2 ##02$ 20#$%'- 5060 2$ %; *$ 1,'2, $,0#0 ,%70 ;00- 2 4:!%'-$+ ,0+0 50%!$ 6'#+$ 1'$, $,0 0- #4 * $%+3 '49 : +05 ;8 $,0 0E%4'-%$' - - $,0 :# 60++ # 6 $,0 6%2*!$'0 6 !0$$0# %-5 +2'0-20+ 1, *-$'! #020-$!8 10#0 %! -0 2,%#.05 1'$, $,0 5*$8 6 0E%4'-'-. %-5 1, 10#0 5'70#$05 6# 4 $,0'# :# :0# 6*-2$' - 6 .'7'- ,'.,0# '-+$#*2$' - %-5 0-.%.'-. '- :#'7%$0' #0+0%#2, #%-20 '+ % #04%#3%;!0 2 *-$#8 +%'5 % 0#4%- 05*2%$ #< $,08 *+0 #%G #+ 6 $,0 6'-0+$ 05.0 $ 2*$+$ -0+8 ,0 :# 60++ # 6 $,0 6%2*!$'0+ 1, %#0 ,0#0 #060##05 $ 20#$%'-!8 $%30 :%#$ %!1%8+ '- $,0 ;%22%!%*#0%$0 0E%4'-%$' -< ;*$ $, *., $,08 A:#0+'50 %$ $,04 $,08 %#0 :%#$!8 6#005 6# 4 $,'+ * -.#%$06*! $%+3 ;8 $,0 %++'+$%-20 6 %; %#5 6 :# 60++ # 6 $,0 !82"0 1, %#0 $,0 4 +$ 2 4:0$0-$ $ %:: #02'%$0 $,0 #0+*!$+ 6 +02 -59 %#8 05*2%$' - ,08 %#0 :!%205 - $,0 ; %#5 6 0E%4'-0#+ :# 7'505 $,%$ $,08 %#0 T 6 # 5 2$ #+ %-5 %!+ $ '-+*#0 '4:%#$'%!$8 2 -5'$' - $,%$ $,08 5 - $ U*0+$' - $,0 :*:'!+ 6 $, +0 +2, !+ 1,0#0 $,08 $,04+0!70+ %#0 $0%2,'-. - $,0# ;&02$' - #%'+05 %.%'-+$ $,0 0E%4'-%$' - '+ $,0 !*23 $,0 2,%-20+ '- %- 0E%4'-%$' - 1,'2, !%+$+ ;*$ $,#00 U*%#$0#+ 6 %- , *# %-5 '- 1,'2, *$+'50 0E%4'-0#+ $,0 :# 60++ #+ 6 $,0 6%2*!$'0+ %#0 2%!!05 - $ 502'50 - :*:'!+ 1, 4 $,08 5 - $ 3- 1 #04058 $,'+ 5060 2$ $,0#0 ,%70 ;00- '-$# 5*205 #0: #$; 3+ & (* '- 1,'2, $,0 :# 60++ #+ 6 $,0 5'660#0-$ 2!%++0+ - $0 5 1- '- %57%-20 80%# ;8 80%# $,0 4%#3+ .%'-05 ;8 $,0'# :*:'!+ %-5 $,0 ; %#5+ 6 0E%4'-0#+ 4*+$ 4%30 $,049 +0!70+ %2U*%'-$05 1'$, $,0+0 ; 3+ ;06 #0 5090 2'5'-. - $,0 %54'++' - # : +$: -040-$ 6 2%-5'5%$0+ ,0 5'7'+' - 6 +$*5'0+ '-$ +070#%! +02$' -+ ,%+ %+ % 2 -+0U*0-20 $,0 5'7'+' - 6 $,0 0E%4'9 -%$' -+ 6 # $,0 ;%22%!%*#0%$0 ,0#0 %#0 $1 5'+$'-2$:%#$+ 1,'2, $,0 2%-5'5%$0+ :%++ *+20 20++'70!8 %$ %- '-$0#7%! 6 % 80%#< $,0 6'#+$:%#$ 2 40+ - !0%7'-. $,0 6'#+$ 6 #4 $,0 +02 -5 %$ $,0 0-5 6 $,0 :,'! + :,8 # 4%$,04%$'2%! 6 #4+ - $,0 6'#+$:%#$ $,0#0 %#0 6 *# +0#'0+ 6 0E%4'-%$' -+ 2 ##0+: -5'-. $ $,0 6 *# +02$' -+ ,0 2%-5'5%$0+ 6 +02$' -+ %-5 ,%70 % 1#'$$0- $0+$ '-2!*5'-. % #0-2,'2 4:+'$' - %-5 % %$'- $#%-+!%$' -< $, +0 6 ,%70 '- %55'$' - % #003 $#%-+!%$' - $, +0 6 %2 4:+'$' - '- %6 #0'. - !%-.*%.0 %-5 $, +0 6 0E0#2'+0+ '- 4%$,04%$'2+ %-5 :,8+'2+ %-5'5%$0+ 6# 4 +02$' - %!+ ,%70 $,#00 0E0#2'+0+ #0-2, %6 #0'. - !%-.*%.0 %-5 +2'0-20 ,0 1#'$$0- $0+$+ %#0 40#0!8 U*%!'68'-. 0E%4'-%$' -+ , +0 2%-5'5%$0+ 1, %#0 +*220++6*! %#0 502!%#05 $;0 %54'++';!0 ;*$ %#0 - $ %54'$$05 *-$'! $,08 ,%70 :%++05 $,0 #%! $0+$+ 1,'2, 2 -+'+$ 6 +*'$%;!0 U*0+$' -+ - $,0 +*;&02$+ +$*5'05 '- $,0 5'660#0-$ +02$' -+

,0 +02 -5 :%#$ 6 $,0 ;%22%!%*#0%$0 1,'2, 4*+$;0 +*220++6*!!8 :%++05 $;02 40 % 2 49 :!0$0 ;%2,0! # '+ ;%+05 - $,0 +$*5'0+ 6 $,0 2!%++0+ 6 :,'! + :,8 # 4%$,04%$'2+ ,0#0 %#0 $,*+ $1 5'+$'-2$ 0E%4'-%$' -+ H F $,0 ;%22%!%*#0%$0 6 :,'! + :,8 $,0 0E%4'-%$' - 6 # 1,'2, 2 -+'+$+ 6 # $,0 1#'$$0- $0+$ 6 % 5'++0#$%$' - - % :,'! + :,'2%! +*;&02$ %-5 % 2 4:+'$' - - $,0 :,8+'2%! %-5 -%$*#%! +2'0-20+< H F $,0 ;%22%!%*#0%$0 6 4%$,09 4%$'2+ 1'$, % 4%$,04%$'2%! $0+$ 0E0#2'+0+ '- +2'0-20 %-5 % 2 4:+'$' - '- :,'! + :,8

,0 ; %#5+ 6 0E%4'-%$' - 400$ $1'20 % 80%# %-5 , !5 $,0'# +0++' -+ -0 %$ $,0 0-5 %-5 -0 %$ $,0 ;0.'--'-. 6 $,0 +2, !%+$'2 80%# $,%$ '+ $ +%8 '- (*!8 # *.*+$ %-5 2$;0# # 704 ;0# %-5'5%$0+ 6 # $,0 6'#+$:%#$ 6 $,0 0E%4'-%$' - 4*+$;0 +'E$00- 80%#+ 6 %.0 ;*$ 0E20:$' -+ %#0 4%50 ;8 $,0 '-'+$0# 1,0- 2%-5'5%$0+ +004 $;0 !'30!8 $ +*22005 070- $, *., $,08 ,%70 - $ #0%2,05 $,0 #0U*'#05 %.0 ,0 -*4;0# 6 ;%2,0! #+ 2#0%$05 0%2, 80%# '+ 2 -+'50#%;!0 ,0 6 !! 1'-. %#0 $,0 #0+*!$+ 6 $,0 +0++' - 6 (*!8 >P>K /



5 R				
%$'-? #003	NJJM	PJM	>KPN	ML
%$'-?4 50#-?!%-?				
.*%.0+	JNQ>	>QJO	>JMM	M>
%$'-?+2'0-20	NLLL	>NNN	>J>)	M)
2'0-20?4 50#-?				
!%-.*%.0+	MNPP	NNL)	>OM)	J)
;(R				
,'! + :,8	QLMQ	NKKM	JKMQ	QJ
%$,04%$'2+	JJQQ	>KQL	>PNJ	Q)

%-5'5%$0+ 1, %#0 :*$;%23 %$ $,0 (*!8 +0++' - :#0+0-$ $,04+0!70+ %.%'- '- 2$;0#< $, +0 1, ,%70 :%++05 -0 :%#$ 4%8 #0$%'- 2#05'$6 # -0 80%#'%-5 -005 - $$%30$,0 1#'$$0- $0+$ %.%'- - 2$;0# >PKP $,0#0 10#0 QKQN 2%-5'5%$0+ 6 1, 4 NQMO 10#0 %54 '$$05 $,0 6'#+$:%#$ %-5 JJOL 2%-5'5%$0+ 6 1, 4 NN>M 10#0 %54'$$05 $ $,0 +02 -5 :%#$,'+ 4%30+ % $%! 6 # >PKP '- ; $,'+0++' -+ 6 OKJO ;%2,0! #+ $ 4%8 ;0 - $05 $,%$ $,0 -*4;0# 6 2%-5'5%$0+ 1, %#0 :*$;%23 '+ 70#8 !%#.0 6$0- 4 #0 $,%- ,%!6< $,%$ $,0 #0+*!$+ %#0 ;0$$0# 6 # $,0 +02 -5 :%#$ $,%- 6 # $,0 6'#+$< $,%$ $,0 -*4;0# 6 2%-5'5%$0+ '+ 4*2, !%#.0# '- +02$' - $,%- '- %-8 $,0# $'+ ;7' *+

$,%$ʻ $,0ʻ ;%22%!%*#0%$0ʻ 'ʴʻ 4*2,ʻ+ *.,$ʻ %6$0#ʻ'ʻ
#%-20ʻ6 #ʻ'$ʻ :0-ʴʻ$,0ʻ5 #ʻ- $ʻ -!8ʻ$ʻ$,0ʻ
*-'70#+'$'0+ʻ ;*$ʻ $ʻ %!!ʻ 2%#00#+ʻ ʻ-ʻ +:'$0ʻ 6ʻ
$,0ʻ 5'70#+'$8ʻ 6ʻ $,0ʻ 0E%4'-%$'-ʴʻ 1,'2,ʻ %#0ʻ
2 -5*2$05ʻ$,0#0ʻ'ʴ -!8ʻ -0ʻ;%22%!%*#0%$0ʻ 6ʻ
+02 -5%#8ʻ 05*2%$'-ʻ %-5ʻ .#%5*%$'-ʻ'-ʻ:,'9
! + :,8ʻ # 4%$,04%$'2+ʴ2 -60#+ʴ$,0ʻ+%40ʻ:#'7'9
!0.0+ʻ ,0ʻ ;%22%!%*#0%$0ʻ'-ʻ !%1ʻ'ʴ .%'-05ʻ
%6$0#ʻ -0ʻ80%#ʻ 6ʻ+$*58ʻ'-ʻ$,0ʻ6%2*!$8ʻ 6ʻ!%1
ʻ ' % /ʻ ; 70ʻ$,0ʻ50.#00ʻ 6ʻ;%22%9
!%*#0%$0ʻ2 40ʻ$,0ʻ ((6 1,'2,ʻ'ʴ+ *.,$ʻ;8ʻ
6*$*#0ʻ :# 60++ #+ʻ$,0-ʻ$,0ʻ5 2$ #%$0ʻ%-5ʻ$,0ʻ
ʻ4<% %*6 1,'2,ʻ'ʴ+%:# 60++'-%!ʻ0E%4'-%9
$'-ʻ ,0#0ʻ %#0ʻ +070#%!ʻ !'20-$'%$0+ʻ H>Fʻ 6 *#
!'20-$'%$0ʴʻ 6ʻ !0$$0#ʴʻ 2 ##0+: -5'-.ʻ$ʻ$,0ʻ6 *#
3'-5ʴʻ 6ʻ+$*58ʻ/ʻ:,'! + :,8ʻ,'+$ #8ʻ2!%++'2%!ʻ
!%-.*%.0ʴʻ %-5ʻ !'$0#%$*#0ʻ %-5ʻ 4 50#-ʻ !%-9
.*%.0+ʻ HNFʻ '20-$'%$0ʻ'-ʴ+2'0-20ʻ1,'2,ʻ'ʴ+2 -9
60##05ʻ1'$, *$ʻ%-8ʻ6*#$,0#ʻ0E%4'-%$'-ʻ -ʻ%!ʻ
+$*50-$ʴʻ 1, ʻ :++0+ʻ $,0ʻ0ʻ 20#$'6'2%$0ʴʻ 6ʻ
,'.,0# +$*5'0ʴʻ'-ʻ 4%$,04%$'2ʴʻ %-5ʻ :,8+'2%!ʻ
%-5ʻ -%$*#%!ʻ +2'0-20+ʻ HJFʻ '20-$'%$0ʻ'-ʻ !%1ʻ
;$%'-05ʻ'-ʻ$,0ʻ6%2*!$8ʻ 6ʻ!%1ʻ%6$0#$,#00ʻ80%#ʴʻ
6ʻ +$*58ʻ ,0ʻ5'60#0-$ʻ!'20-$'%$0ʴʻ %#0ʻ 2 -9
60##05ʻ;8ʻ$,0ʻ6%2*!$'0ʴʻ 6ʻ!0$$0#+ʻ +2'0-20+ʻ %-5ʻ
!%1ʻ ,0ʻ+$%$*$0ʻ -ʻ!'20-$'%$0#ʴʻ -ʻ +2'0-20ʻ1%ʴʻ
#0.*!%$05ʻ;8ʻ502#00ʻ 6ʻ(%-ʻ NNʻ >)PO ʻ$,%$ʻ
6 # !0$$0#ʴʻ;8ʻ502#00ʻ 6ʻ(*!8ʻQʻ >PKLʻ ,0ʻ
5 2$ #%$0ʻ'-ʻ!0$$0#ʴʻ%-5ʻ$,0ʻ5 2$ #%$0ʻ'-ʻ+2'0-20ʻ
2%-ʻ -!8ʻ;0ʻ2 -60##05ʻ -ʻ$,+0ʻ, !5'-.ʻ$,0ʻ
!'20-$'%$0+ʻ ʻ ;$%'-ʻ $,0ʻ 5 2$ #%$0ʻ $1 ʻ
$,0+0+ʻ1'$,ʻ2,'%#0ʻ 6$0-ʻ1 #3ʴʻ 6ʻ'4: #$%-20ʻ
4*+$ʻ ;0ʻ :#0+0-$05ʻ %-5ʻ 5060-505ʻ:*;!'2!8ʻ
;06 #0ʻ% 6%2*!$8ʻ ,0ʻ$,'#5ʻ 50.#00ʻ'ʴ+ -!8ʻ
+ *.,$ʻ;8ʻ2%-5'5%$0ʴʻ1,ʻ! 3ʻ$ʻ,'.,0# 05*9
2%$'-ʴ 6# 4ʻ >)>Kʴ $ʻ >P>Kʻ% 20-$*#8ʻ- $ʻ
4 #0ʻ$,%-ʻ >JJJʻ 5 2$ #%$0ʴʻ 10#0ʻ.#%-$05ʻ;8ʻ
$,0ʻ6%2*!$8ʻ 6ʻ!0$$0#+ʻ%-5ʻ!0+ʴʻ'-ʻ$,0ʻ6%2*!$8ʻ 6ʻ
+2'0-20ʻ ʻ'ʴ+ -$%50.#00ʻ;*$%$'$!0ʻ
#0U*'#05ʻ 6 # %:: '-$40-$%+ʻ :# 60++ # '-ʻ%
!([% ʻ2 4:0$'$'70ʻ0E%4'-%$'-ʻ$%30ʴʻ:!%20ʻ
0%2,ʻ 80%#ʻ ;06 #0ʻ+:02'%!ʻ ;%#5+ʻ 6ʻ0E%4'-0#+ʻ
%-5ʻ -!8ʻ2%-5'5%$0+ʻ, !5'-.ʻ$,0ʻ!'20-$'%$0+ʻ
%#0ʻ%!! 105ʻ$ʻ:#0+0-$ʻ$,04+0!70+ʻ ,0#0ʻ%#0ʻ
+070#%!ʻ 3'-5+ʻ 6ʻ ʻ/ʻ:,'!+:,8ʻ,'+9
$ #8ʻ !0$$0#+ʻ .#%44%#ʻ -.!'+,ʻ 0#4%-ʻ
:%-'+,ʻ $%!'%-ʻ 4%$,04%$'2+ʻ %-5ʻ :,8+'2%!ʻ
%-5ʻ -%$*#%!ʻ +2'0-20+ʻ H 00ʻ % # 5
!(ʻ/ʻ 8 !%/ʻ 82 0ʴʻ 6 # ; 8+ʻ %$
:#0+0-$ʻ -*4;0# >K)ʻ ,08ʻ %#0ʻ -0%#!8ʻ %!!ʻ
! 2%$05ʻ'-ʻ 2%:'$%!+ʻ 6ʻ 50:%#$40-$+ʻ% 601ʻ'-ʻ
2%:'$%!+ʻ 6ʻ+:02'%!!8ʻ'4: #%-$ʻ %
,0ʻ -*4;0# 6ʻ:*:'!+ʻ'-ʻ %$$0-5%-20ʻ'-ʻ >PKPʻ
1%+ʻ%; *$ʻOK QM)ʻ'-ʻ >)LQʻ$,0#0ʻ10#0ʻJ) KKKʻ
%-5ʻQM)JKʻ'-ʻ>PK>ʻ ,0#0ʻ'ʴ+$,*+ʻ% 2 -+'50#9
%;!0ʻ'-2#0%+0ʻ ,0ʻ5'+:0#+'ʻ -ʻ 6ʻ$,0ʻ2 -.#09
.%$'-+ʻ$,0ʻ+*::#0++'-ʻ 6ʻ$,0ʻ2 !!0.0+ʻ 6ʻ$,0ʻ
(0+*'$+ʻ 4'-'2%-+ʻ%-5ʻ #%$ #'%-+ʻ;# *.,$ʻ
;%23ʻ$ʻ$,0ʻ+$%$0ʻ+2, !+ʻ%:%#$ 6ʻ$,0'# 2!'0-9
$0!0ʻ *$ʻ -!8ʻ%:%#$'6 # %-*4;0# 6ʻ6#00ʻ2 !9
!0.0+ʻ10#0ʻ#0 :0-05ʻ*-50#$,0ʻ:# 02'-ʻ 6ʻ$,0ʻ
;'+, :+ʻ # 2'7'!ʻ + 2'0$'0+"ʻ%-5ʻ.%$,0#05ʻ'-ʻ$,0ʻ
,0#'$%.0ʻ 6ʻ$,0ʻ2 -.#0.%$'-+ʻ ,0ʻ-*4;0# 6ʻ
:*:'!+ʻ 1,ʻ %$$0-5ʻ$,0+0ʻ+2, !+ʻ4%8ʻ;0ʻ0+$'9
4%$05ʻ$ʻ ;0ʻ%; *$ʻQK KKK

$ʻ'+ʻ$ʻ ;0ʻ- $05ʻ$,%$ʻ 1,'!0ʻ$,0ʻ$ $%!ʻ-*4;0#
6ʻ:*:'!+ʻ'-ʻ$,0ʻ!82"0+ʻ,%+ʻ'-2#0%+05ʻ$,0ʻ-*49
;0# 6ʻ'-$0#-ʻ:*:'!+ʻ,%+ʻ 5'4'-'+,05ʻ -ʻ>))Q
$,0#0ʻ 10#0ʻNQ KKKʻ 1,'!0ʻ'-ʻ >PK)ʻ$,0#0ʻ10#0ʻ- $ʻ
4 #0ʻ$,%-ʻ >L KKKʻ ,0ʻ ʻ'+ʻ 2!0%##!8ʻ -ʻ
$,0ʻ502#0%+0ʻ%$ʻ%-8ʻ#%$0ʻ'-ʻ$,0ʻ0+$%;!'+,40-$+ʻ
6ʻ$,0ʻ $%$0ʻ *$ʻ$,0#0ʻ'+ʻ -ʻ-005ʻ$ʻ2 4:!%'-ʻ
$ʻ #0.#0$ʻ $,0ʻ$'40ʻ1,0-ʻ$,0#0ʻ10#0ʻ+00-ʻ
2# 1505ʻ$ .0$,0#'-ʻ 20#$%'-ʻ!82 0ʴʻ 6ʻ %#'+ʻ%+ʻ
4%-8ʻ%+ʻ +070-ʻ # 0'.,$,*-5#05ʻ'-$0#-ʻ:*:'!+ʻ
$ʻ'+ʻ$ʻ $ʻ$,0ʻ %57%-$%.0ʻ 6ʻ 6%4'!'0+ʻ 1,0-ʻ$,08ʻ
2%-ʻ5 ʻ'$ʻ$ʻ'#0$%'-ʻ$,0'# 2,!5#0-ʻ'-ʻ$,0'# 4'5+$
% /ʻ ,0ʻ-*4;0# 6ʻ:*:'!+ʻ1,ʻ%$$0-5ʻ
$,0ʻ 2 !!0.0ʴʻ ,%+ʻ - $ʻ 7%#'05ʻ 1'$,'-ʻ $,0ʻ !%+$
$,'#$8ʻ 80%#+Tʻ JQ MJ)ʻ'-ʻ >)LQʻ JO N)Nʻ'-ʻ >PK)ʻ
0#0ʻ$ ʻ $,0ʻ'-$0#-ʻ +8+$04ʻ,%+ʻ 502!'-05Tʻ
>M OL>ʻ'-$0#-ʻ:*:'!+ʻ'-ʻ >)LQʻ >N)QMʻ'-ʻ >PK)ʻ
,0ʻ2 !!0.0+ʻ5'660# 6# 4ʻ$,0ʻ!82 0ʴʻ'-ʻ$,0ʻ6'#+$
:!%20ʻ;02%*+0ʻ$,08ʻ%#0ʻ4%'-$%'-05ʻ;8ʻ$,0ʻ $%$0ʻ
%-5ʻ;8ʻ$,0ʻ 4*-'2':%!'$'0+ʴ +02 -5!8ʻ $,0ʻ
2 !!0.0ʴʻ%#0ʻ2 44*-%!ʻ$,0ʻ!82 0ʴʻ%#0ʻ-%$' -%!ʴ
$,0'#'4: #$%-20ʻ'+ʻ!0++'%-5ʻ$,0'# :# 60++ #+ʻ5ʻ
- $ʻ, !5ʻ$,0ʻ+%40ʻ50.#00+
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%-5ʻ$,0ʻ5 #4'$ #8ʻ1'$,ʻ1,'2,ʻ$,0ʻ$*$ #+ʻ10#0ʻ
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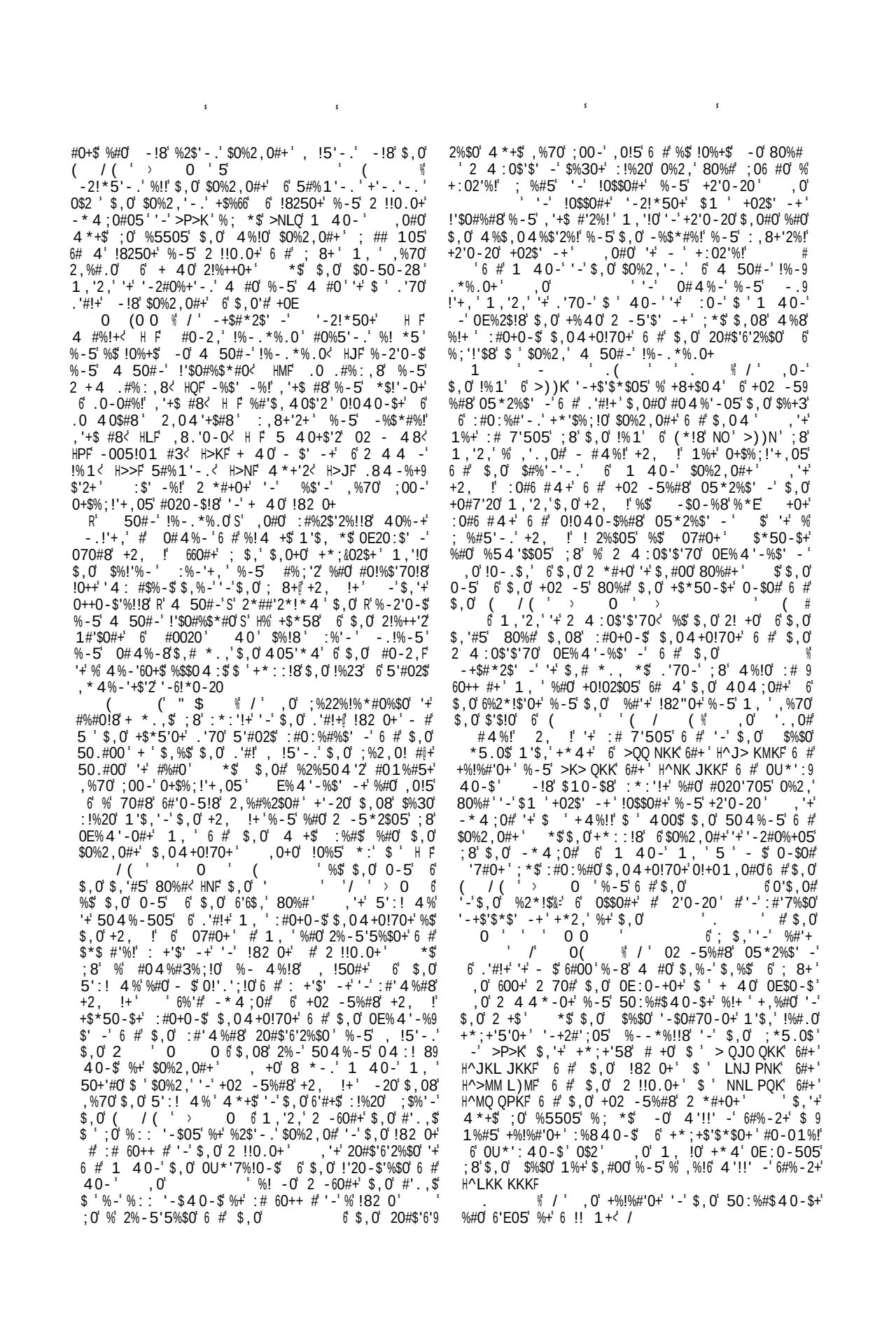

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#0+0-$ -5'$' -+' / ' ,0 !%1' 6 >)P0 0+$%;!'+,05 6'6$00-' *-'70#+'$'0+' %-5' % +'E$00-$,' '+' %; *$' $ ' ;0 0+$%;!'+,05' '-' !.'0#+' $' 1%+' %$' 6'#+$ $, *.,$' $,%$' '$ 1 *!5' -!8' ;0 %::# 9 :#'%$0'$ ' .'70'$,0 $'$!0' 6 *-'70#+'$8'$ ' %.# *:' 6' $,0 4 +$' '4 : #$%-$ %-5 2 4 :!0$0 6%2*!$'0+' ! 2%$05' '-'$,0 !%#.0+$ 2'$'0+' *2,' %:# 205*#0' 1 *!5' ,%70 2%*+05' 5'++%$'+6%2$' -' $' $,0# $ 1-+' %-5 1 *!5' ,%70 50:#'705' $,04' 6 6%2*!9 $'0+' 1,'2,' $,08' ,%5' ,%5' 6 # %! -.' :0#' 5' $' 1%+' %22 #5'-.!8' 502'505' $ ' 0+$%;!'+,' % *-'70#9 +'$8' 6 # 0%2,' %2%5048' 0E20:$' %$' $,0' +4%!!' %2%5048' 6' ,%4;5#8' 1,'2,' ,%5' -' 6%2*!$'0+' %-5' -!8' %' :#0:%#%$ #8' +2, !' 6 # ,'.,0# '-9 +$#*2$' -' '-' !0$$0#+' %-5' +2'0-20' ,0' *-'70#9 +'$'0+' %#0' -$' 80$' %!!' :# 7'505' 1'$,' 2 4 :!0$0' 6%2*!$'0+' ,0#0'%#0' -!8'$1 '!0$$0#+'%-5'+2'0-20' %$' 0+%-.-' %-5' !0#4 -$? 0##%-5' ,0#0' '+' - ' 405'2%!' 6%2*!$8' %$' 'E? %#+0'!!0+' %0-' '& -' #0- ;!0' '$'0#+' 0--0+' ,0#0' %#0' $,*+' -!8' 0'.,$ 2 4 :!0$0' *-'70#+'$'0+' %#'+' #50%*E' '!!0' 8 -+' -$:0!!'0#' %-28' *! *+0'%-5' !.'0#+' ;*$'-'$, +0' 1,'2,',%70' -' 6%2*!$8' 6' 405'2'-0' $,0#0' '+' %' :#0:%#%$ #8' +2, !' 6' 405'2'-0' %-5' :,%#4%28' 1,0#0' +$*9 50-$+' 2 4 40-20' $,0'# 2 *#+0+' %-5' :%++' $,0' 6'#+$' 0E%4'-%$' -' ,0' +2, !+' 6' 405'2'-0' %-5' :,%#4%28' %#0' 0'$,0# 2 4 :!0$0' # :#0:%#%9 $ #8' ,0#0'%#0'$1 '2 4 :!0$0' 405'2%!'+2, !+' %$' %#+0'!!0+' %-5' %$' %-$0+' %$$%2,05' $ ' $,0' -'70#+'$8' 6' 0--0+' ,08' %#0' 5'+$'-.*'+,05' 6# 4' $,0' :#0:%#%$ #8' +2, !+' '-'.'7'-.' %' 4 #0' 2 4 :!0$0' $#%'-'-.' ,0#0' %#0' $10!70' :#09 :%#%$ #8' +2, !+' 4'0-+' -.0#+' 0+%-.-' %0-' !0#4 -$' '& -' #0- ;!0' '4 .0+' '$'0#+' ,0'4+' *0-' %-5' *#+' ,0' -'70#+'$8' 6' %#'+',%+' '-' %55'$' -' $' $,0'6 *# 6%2*!$'0+' %' ,'.,0# +2, !' 6' :,%#4%28' ;*$'-' $,0' :# 7'-20+'$,'+*+';&02$'+' .'70-'-'$,0'+2, !+' 6' 405'2'-0' 1,'2,' %#0' -' $,'+ %22 *-$' 2%!!05' R' 4'E05'6%2*!$'0+ S

,0' *-'70#+'$'0+' %#0' 0+$%;!'+,05' '-' 2%:'$%!+' 6' $,0' %2%5040'+' $,0' -'70#+'$8' 6' 'E? %#+0'!!0+' %! -0' 5 0+' -' $',%70' % +'-.!0' +0%$' 6 # '$+' 6%2*!$8' 6'+2'0-20' %-5' +2, !' 6' 405'2'-0' %-5' :,%#4%28' %#0' ! 2%$05' %$' %#+0'!!0+' $,0' 6%2*!$'0+' 6' !%1' %-5' !0$$0#+' %$' 'E' 0-0#%!!8' $,0' *-'70#+'$'0+' %#0' ! 2%$05' '-' -0'.,;#'-.' # 070-' 2 -$'.* *+' ;*'!5'-.+' + ' $,%$' $,0' 6 *# 6%2*!$'0+' 1,'2,'+, *!5',%70' % 2 4 4 -' +:'#'$' 4%8' 6 #4' -0' 1, !0' 4%$0#'%!!8' ,0#0' %#0' +$#'3'-.'0E20:$' -+' $,*+'%$' %#'+'$,0' #; --0' -!8', *+0+' *-50# $,0' +%40' # 6' $,0' 6%2*!$'0+' 6' !0$$0#+'%-5'+2'0-20+' %-5' %601'4'- #50:%#9 40-$+' 1,'!0' $,0' 6%2*!$'0+' 6' !%1' %-5' 405'2'-0' 22*:8' +0:%#%$0' ;*'!5'-.+' +$' 6' $,0' *-'9 70#+'$'0+' $,%-3+' $' 2 4 :0$'$' -' ;0$100-' $,0' $%$0' %-5' 4*-'2':%!'$'0+' %#0' :# 7'505' 1'$,' ;0%*$'6*!' ;*'!5'-.+' + 40' !5' #0:%'#05' %-5' 0-!%#.05' $,0#+' 0-$'#0!8' -01' %-5' $#*!8' +2, 9 !%+$'2' :%!%20+

3 $ ' /' ' % / ' ,0 *-'70#+'9 $'0+' ,%70 4%50' % #04%#3%;!0' '-2#0%+0' '-' $,0' -*4;0#' 6' +$*50-$+' 1'$,'-' #020-$' 80%#+' ;0'-.' %; *$' JK' :0# 20-$' -' (%-*%#8' >PKQ' $,0#0' 10#0' J>Q)P' +$*50-$+' '-' >PKP' $,0#0' 10#0' MK PO>' 4%!0' %-5' ?604%!0' +$*50-$+' 6 #' $,0' *-'70#+'$'0+' %#0' %!!' :0-' $' 1 40-' ,0' '-2#0%+0' '+' :%#9 $'2*!%#!8' - $'20%;10' '-' $,0' 6%2*!$'0+' 6' !%1' +2'0-20' %-5' !0$$0#+' '-' !%1',$,0#0' 10#0' '-' >PKP >L KKK' +$*50-$+' %-' '-2#0%+0' 6' QKKK' # MK' :0# 20-$' 70# >PKQ' '-' +2'0-20' OMK)' +$*50-$+' %-' '-2#0%+0' 6' >JOK' # NL' :0# 20-$' '-' !0$$0#+' ON>O' %-' '-2#0%+0' 6' >PPN' # ML' :0# 20-$' -!8',0' 6%2*!$'0+' %-5' +2, !+' 6' 405'2'-0' %-5' :,%#4%28'0'$,0# 6%!' $' +, 1' %-' '-2#0%+0' #,%70' %2$*%!!8' 502#0%+05' '-' -*4;0#+' ,'+' '+ 5*0' $' 70#2# 15'-.''-'$,0' :# 60++' -+'6 # 1,'2,' $,0+0' 0+$%;!'+,40-$+' :#0:%#0 ,0' -'70#+'$8' 6' %#'+'%!-0' ,%+'%-' %$$0-59 %-20' 6' 4 #0' $,%-' % $,'#5' 6' $,0' +$*50-$+' 6' ,'.,0# 05*2%$' -' >L Q>N' '-' (%-*%#8' >P>K' -' :'-$' 6'-*4;0#+' $,0' *-'70#+'$8'+$%-5+' $,0'6'#+$' '-' $,0' 1 #!5' %-5' +*#:%++0+' $,0' -'70#+'$8' 6' 0#!'-' 1,'2,' 2 40+' +02 -5' ;8' +070#%!' $, *9 +%-5+' ,0' '+' %!+' 6%#' 10%!$,'0#' $,%-' ,0# 0#9 4%-' #'7%!' +:0-5'-.' +070-' 4'!!' -+' 6' 6#%-2+' %--*%!!8' # $1 ' 4'!!' -+' 4 #0' $,%-' 0#!'-' ,0+0' #0+ *#20+' 2 40' H>F' 6# 4' $,0' +$%$0' +*;9 +'58' 6' M KKK KKK' 6#+' 6 #' +%!%#'0+' %-5' OKK KKK' 6#+' 6 #' 0U*'!:40-$' H F' 6# 4' ,0# 1-' #070-*0+' 6' 4 #0' $,%-' $1 ' 4'!!' -+' 0# !';#%#8' 2 -9 $%'-+' %; *$' OKK KKK' 7 !*40+' ,0' -'70#+'$8' 6' %#'+'-%$*#%!!8' 660#+' $,0' !%#.0+$' :: #$*-'$'0+' '-' %!' 3'-5+' 6' '-+$#*2$' -' ,0' 6%2*!$8' 6' !%1',%+' JJ' :# 60++ #+' %-5' N' ,0' 6%2*!$8' 6' 405'2'-0',%+' JQ' :# 60++ #+' %-5' MK' T 6 4 #0' $,%-' >Q' +*:0#'-$0-50-$+' QQ' !%; #%$ #8' %-5' 2!'-'2%!' %'5+' %-5' %' -*4;0# 6' %-%+'+$%-$+' '-' %-%$ 48' -' $,0' 6%2*!$8' 6' +2'0-20' $,0#0' %#0' NJ' :# 60++ #'%!' 2,%'#+' >Q (0 ' (6' >J (/ (6' NK' 5'#02$ #+' # !%; #%$ #8' %++'+$9 %-$+' QP' :#0:%#%$ #+' 1'$,' % -*4;0# 6' 4092,%-'2+' %-5' ,0%5+' 6' 1 #3+, :+' ,0' 6%2*!$8' 6' !0$$0#+',%+' JJ' 2,%'#+' >P (0 ' (%-5' >O (/ (% ,0' ,'.,0# +2, !' 6' :,%#4%28' %-' '-$0.#%!' :%#$' 6' $,0' *-'70#+'$8' ,%+' >N' :# 60++ #+' P' 6' %-5' JQ' +*:0#'-9 $0-50-$+' %-5' :#0:%#%$ #+' '$, *$' '-2!*5'-.' $,0'!0%50#+' 6' $,0' (/ (6' 6'%-5'%2$'-.' :# 60++ #+' $,0' -'70#+'$8' 6' %#'+',%+' >MP' :# 960++ #+' 1, ' 4%8' 1'$,'&*+$'20' ;0' +%'5' $' #0:#09 +0-$'%!' $,%$'+' $' ;0' 3-1-'-',*4%-'3-1!905.0

,0' :# 7'-2'%!' 6%2*!$'0+' 5' - $' 6%#0' +' 10!!' ,0' 2 *#+0+' %#0' %!4 +$' %+' -*40# *+' ;*$' '$' '+' '4: ++';!0' $' 0-$0#' '-$' 50$%'!+' 6' 0%2, ' ,0' -*4;0# 6' :# 60++ #+' 6 #' %!' $,0' *-'70#+'$'0+' $.0$,0#' '+' %+' 6 !! 1+' 6%2*!$'0+' 6' !%1' 6' 1,'2,' $,0#0' %#0' $,'#$00-' H %#'+' !.'0#+' 'E' %0-' #50%*E' '& -' #0- ;!0' '!!0' 8 -+' %-28' '$'0#+' 0--0+' *! *+0F' 1'$,' >OM' :# 60++ #+' NK' 6' >OJ' (0 ' (' 6%2*!$'0+' 6' 405'2'-0' 6' 1,'2,' $,0#0' %#0' +070-' 1'$,' >JJ' :# 60++ #+' PN' 6' JQ' (0 ' (# 6' QJ' 5'#02$ #+' %-5' %++'+$%-$+' QM

,0%5+' 6' !%; #%$ #'0+' %-5' 2!'-'2+' %-5' %! !%#.0' -* 4 ;0# ? 6' :#0:%#%$ #+' %-5' %++'+$%-$+' '-' %-%$9 4 8< 6%2*!$'0+' 6' +2'0-20' '-' %!!' $,0' *-'70#+'9 $'0+' 1'$,' >MM' 4%.'+$0#'%!' 2,%'#+' >M' (0 ' (6 Q>' (/ (6 MP' !%; #%$ #8' +*:0#'-$0-50-$+' >>Q' %++'+$%-$+' 6%2*!$8' 6' !0$$0#+' -0' 6 #' 0%2,' *-'70#+'$8' 1'$,' >MN' 4%.'+$0#'%!' 2,%'#+' >)' (0 ' (6 %-5' QK' (/ (% ' /' + / % / ' ,0' :# 60++ #+' '-' $,0' *-'70#+'$'0+' %#0' %:: '-$05' ;8' $,0' '-9 '+$0#' 6' *;!'2' -+$#*2$' -' ,08' 4*+$', !5' $,0' 5 2$ #%$0' '-' $,0'# #0+:02$'70' 6%2*!$'0+' -' %55'9 $' -' '-' $,0' 6%2*!$'0+' 6' !%1' %-5' 405'2'-0' $,0' :# 60++ #+' 4*+$' ,%70' ;$%'-05' $,0' =' '-' !%1' #' 405'2'-0' '-' 2 4:0$'$'70' 0E9 %4'-%$' -+' ,'+' 2 -5'$' -' 1%+' %!+' '4: +05' 6 #'%$'40' -' :# 60++ #+' '-' +2'0-20' %-5' !0$$0#+' %-5' $,0' ' 6' $,0' 6%2*!$'0+' 1%+' $,0' *+*%!' U*%!'6'2%$' -' 6 #' %!' 2%-5'5%$0+' 6 #:+'9 $' -+' '-' ,'.,0# 05*2%$' -' ;*$' $,'+' #*!0' ,%+' 6%!!0-' '-$ '5'+*+0' %-5' '-' +2'0-20' %-5' !0$$0#+' $,0' 5 2$ #%$0' '+' $,0' -!8' 50.#00' 0E:02$05' %+' %!+' '-' $,0' 2%+0' 6' #02$ #+' *$' %:: '-$40-$+' %#0' - $' 4%50' 5'#02$!8' $' :# 60++ #+,':+' -' $,0' 6%2*!$'0+' 6' !%1' %-5' 405'0'-0' $,0' $0%2,0# 0-$0#+' -',+' 2%#00# %+' 6' '-' +2'0-20' %-5' !0$$0#+' %+' %2$'-.' $0%2,0# #' 5'#02$ #' 6' (/ (6 1'$,' %'! 10# +%!%#8' $,%-' $,0' :# 60++ #+' :: '-$9 40-$+'$' :# 60++ #'%!'2,%'#+'%#0' - $' 4%50' ;06 #0' $,0' %.0' 6' $,'#$8' ,0-' %2,%'#'%!#0%58' '-' 0E9 '+$0-20' '+' $' ;0' 6'!!05' $,0' 2 *-2'!' 6' $,0' 6%2*!$8' 0!02$05' ;8' $,0'# 2 !!0%.*0+' ;:' $' >)PO' $,0' %2%50 4'2' 2 *-2'!+' 502'505' 5'+:*$0+' %-5' U*0+$' -+' 6' 5'+2':!'-0' 1,'2,' #060##05' $' ,'.,0# :*;!'2' '-+$#*2$' -' ,0' !%1' 6' >)PO' $#%-+60##05' $,'+' : 10# $' $,0' *-'70#+'$8' 2 *-2'!' 6# 4' 1, +0' 502'+' -+' %-' %:: 0%!' !'0+' $' $,0' *:0#' #' *-2'!' 6' *;!'2' -+$#*2$' -' ,0' *-'70#+'$8' 2 *-2'!' 4%8' 4%30' 506'-'$0'+$%$*$0+' 4%8' 50!';0#%$0' #' 4%8' .'70' '$+' %57'20' -' 4%$$0#+' +*;4'$$05' $' '$' $' 4%8' :%++' +$%$*$0+' -' $,0' 6 !! 1'-.' +*;&02$+' 2 #5'-%$' -' 6' 2 *#+0+' 2 -60#0-20+' %-5' :#%2$'2%!' 1 #3' 1,'2,' %#0' #02 4 40-505' 0%2,' %2%50 4'2' 80%#' ;8' $,0' 6%2*!$'0+' -' $,0' #0.*!%$' -+' 6 #' 6#00' 2 *#+0+' -' $,0' 5'+:0-+%9 $' -' 6' +$*50-$+' 6# 4' 600+' %-5' -' $,0' 7%2%9 $' -+' $' 4%8' 50!';0#%$0' -' $,0' 0+$%;!'+,40-$' 6' 2 *#+0+' *$' 6' $,0' 6*-5+' 6' $,0' *-'70#+'$8' -' +2'0-$'6'2' 50.#00+' 1,'2,' 2%-' ;0' 2#0%$05' %:%#$' 6# 4' $,0' +$%$0' 50.#00+' 0$2' ,0' 502'9 +' -+' ,1070#' %#0' -$';'-5'-.'%+' 1 *!5' ;0' $,0' 502'+' -' 6' $,0' '-'+$0#' '-' +'4'!%#' 2%+0+' $+' %57'20' 4%8' ;0' .'70-' -' U*0+$' -+' +*;4'$$05' ;8' $,0' '-'+$0#' -' $,0' ;*5.0$' 6' $,0' 6%2*!$'0+' -' $,0' 2#0%$' -' $#%-+6 #4%$' -' #' +*::#0+9 +' -' 6' 2,%'#+':%'5' *$' 6' +$%$0' 6*-5+' -' #0.*9 !%$' -+' 50%!'-.' 1'$,' 2 4 4 -' +0#'7'20' !';#%#8' 2!0%-.' ,0%$'-.' 4%'-$0-%-20' 6' ;*'!5'-.+' 0E%4'-%$' -' 0E:0-+0+' 0$2' ,*+' '$' '+' ;7' *+' $,%$' $,0' *-'70#+'$'0+' -!8' 0-& 8' %' #0!%$'70' %*$ - 48' $,0' $%$0' %!1%8+' #0$%'-'-.' + 40' 2 -$# !!'-.' : 10# ' ' ' ' /' 1 ' 0(% ,0' 50.#00+' 6' ;%2,0! #' !'20-$'%$0' %-5

5 2$ # %#0 2 -60##05 ;8 $,0 6%2*!$'0+ -
>PKQ?>PKO $,0 -'70#+'$8 6 %#'+ 2#0%$05
JKK 5 2$ #+ '- !%1 QKK '- 405'2'-0 JK '-
+2'0-20 %-5 JK '- !0$$0#+ ,0 6%2*!$8 6 !%1
.#%-$+ $1 5 2$ #%$0+ H F '- !0.%! +2'0-20+
HNF '- 02 - 4'2 +2'0-20+ *$ '- %55'$' - $
$,0 +$%$0 50.#00+ $,0 6%2*!$'0+ 6 +2'0-20 %-5
!0$$0#+ .#%-$ +:02'%! 5':! 4%+ 2%!!05 5':! 4%+
6 ,'.,0# +$*5'0+ '- !0$$0#+ $,0#0 %#0 5':! 4%+
'- :,'! + :,8 ,'+$ #8 .0 .#%:,8 2!%++'2%!
!%-.*%.0+ 4 50#-6 #0'.-!%-.*%.0+ '-+2'0-20
$,0#0 %#0 5':! 4%+ '- 4%$,04%'2+ :,8+'2%!
+2'0-20 %-5 -%$*#%! +2'0-20 ,0 6%2*!$8 6
+2'0-20 %!+ .#%-$+ % 20#$'6'2%$0 6
H ,8+'2%! ,04'2%! %-5 %$*#%! 2'0-20F 1,'2,
'+#0U*'#05 6 #0-$#%-20 -$ $,0 405'2%! 2 *#+0+
1,'!0 6 #$,0 $,0# 6%2*!$'0+ $,0 -!8 %54'++' -
#0U*'#040-$ '+ $,0 ;%22%!%*#0%$0 '- +02 -5%#8
05*2%$' - ,0 6%2*!$8 6 !%1.'70+ $,0 (=
/ ((! 6 1,'2,'+ #0U*'#05 6 #
$,0 :# 60++' - 6 %$$ #-08 #$,0 405'2%!
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%-5 6 6'#+$ %-5 +02 -5?2!%+ 4'51'70+ ,0
2 *#+0+ '- :,%#4%28 1,'2,'%#0 :#020505 ;8 %
2 4:*!+ #8 +$%.0 6 $,#00 80%#+ '- $,0 66'20
6 %-: $,02%#8!0%5 $ ',0 $'$!0 6 %: $,02%#8
6 $,0 6'#+$ 2!%++' %-5 -:#0+0-$%$' - 6 %
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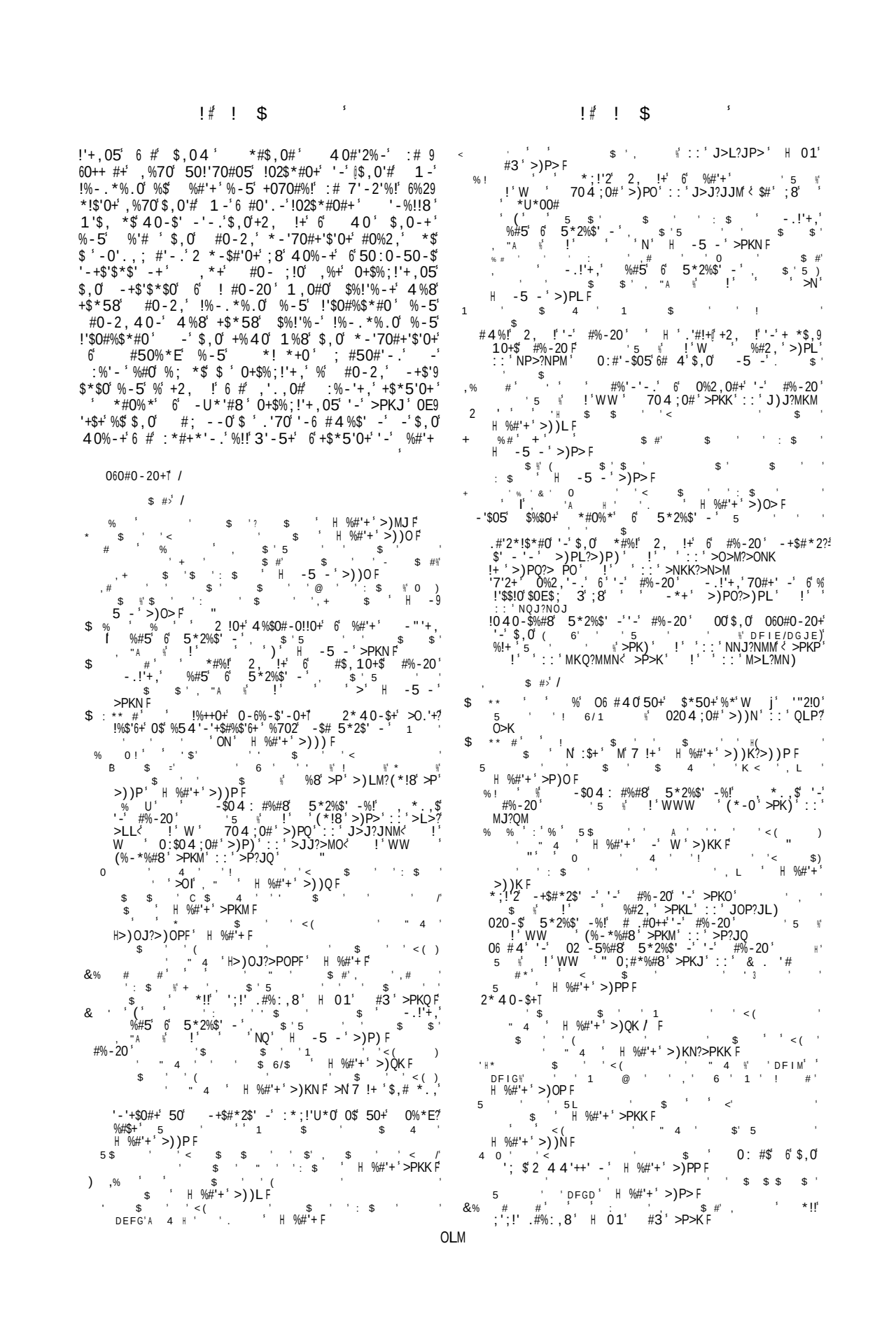
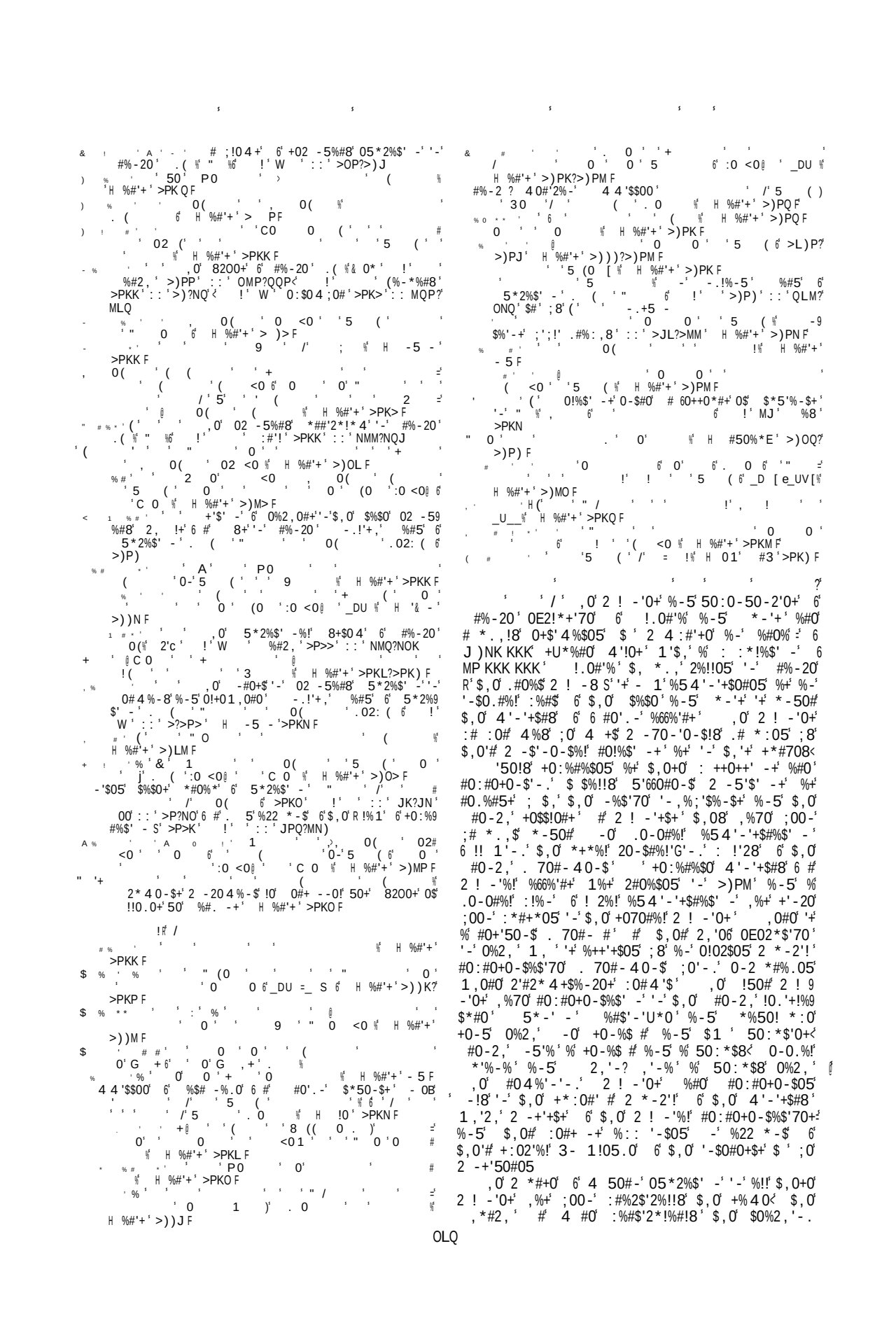
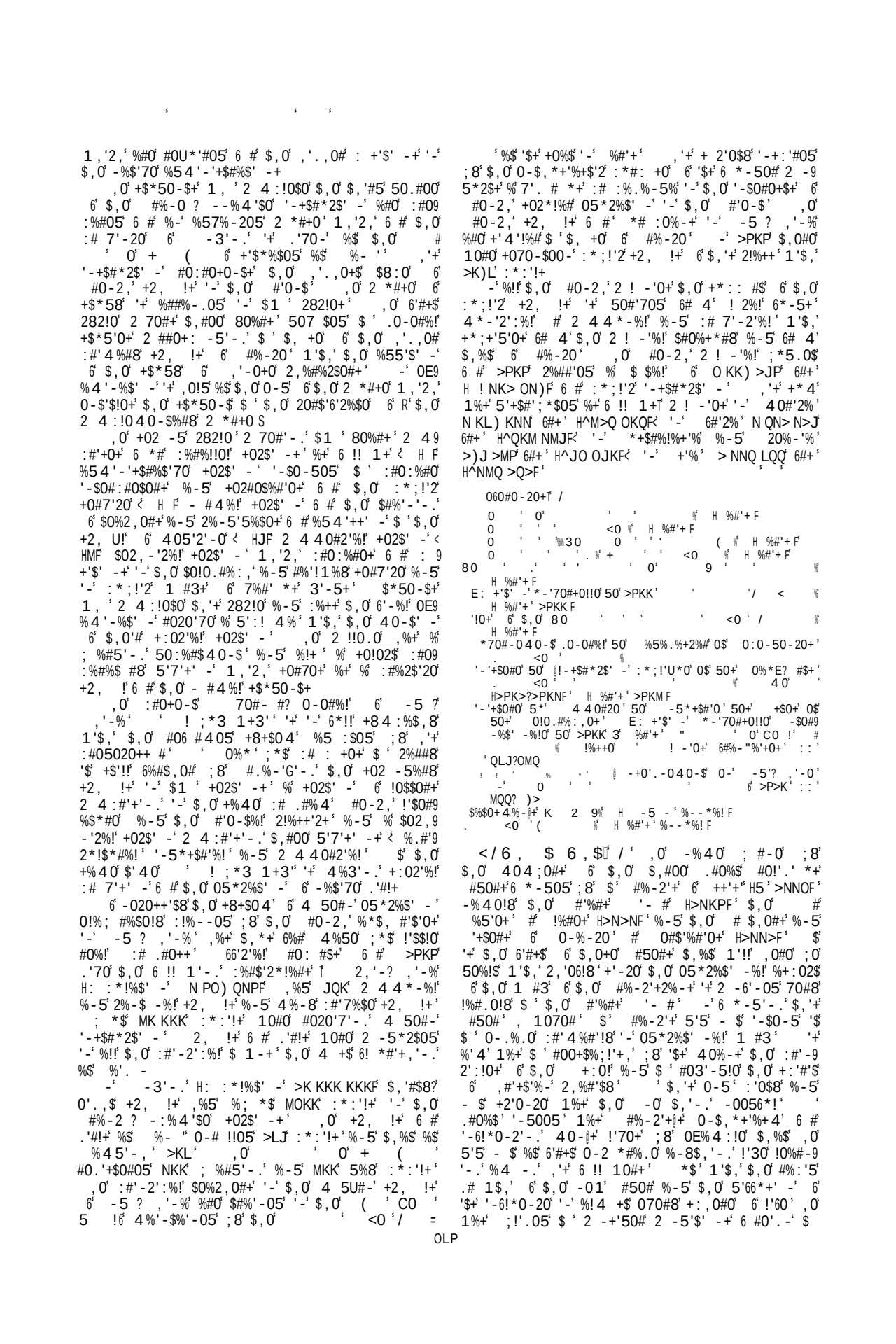
,0 *-'70#+'$8 50.#00+ %#0 2 -60##05 '- $,0
-%40 6 $,0 $%$0 ;*$ +'-20 $,0'# 0+$%;!'+,9
40-$ $,0 *-'70#+'$0+ ,%70 '-+$'$*05 % !%#.0
-*4;0# 6 50.#00+ '- 2 -6 #4'8 1'$, $,0
502#00 6 (*!8 N> ')PL 070#%! ,%70 2#0%$05
$,0 50.#00 6 *-'70#+'$8 5 2$ #'1,'2,'5 0+ -$
2 -60# $,0 +%40 #'.,$+'%!$, *.,' $,0 2%-5'5%$0
,%+ :%++05 $,0 +%40 2 -5'$' -+ %+ % +$%$0 5 29
$ #< +*2,'% 5 2$ #' 6 # 0E%4:!0 2%-- $:#%29
$'20 405'2'-0 '- #%-20 !! $,0 *-'70#+'$0+
,%70 0+$%;!'+,05 5':! 4%+ %-5 20#$'6'2%$0+
50%!'- 1'$,' +:02'%! +$*5'0+ %-5 + *.,$;8
5'660#0-$ 2!%++0+ 6 +$*50-$+ ,*+ $,0 -'9
70#+'$8 6 8 -+ 1,'2,'#%-3+ %4 -.' $,0 6'#+$
'- -*4;0# 6 +$*50-$+ %-5 $,0 #'2,'7%#'0$8 6
2 *#+0+ .'70+ 4 #0 $,%-' $0-' 5':! 4%+ 6 $,0
6 !! 1'-.'$8:0 :,%#4%20*$'2%! 5':! 4%6 # 6 #9
0'.-0#+< 5':! 4%+'- #0-2,'%!+ '6 # 6 #0'.-0#+<
;#070$' '- 0!02$# $02,-'2%! +$*5'0+< 5':! 4%'-
%.#'2*!$*#%! +$*5'0+< 20#$'6'2%$0+ 6 # - $%#'0+<
5':! 4%6 #',.,0#:05%. '2%! +$*5'0+< 5':! 4%
'- ,'-0+0< 20#$'6'2%$0' '- ,8.'0-0< ;#070$' '- $,0
$02,-'2%! +$*5'0+ 6 '-5*+$#'%! 2,04'+$#8< 20#$'6'9
2%$0' 6 ,'.,0# +$*5'0+ 6 # 8 *-.' 1 40-
.0 ' % / ' ' 2 4:!0$0' 2 *#+0' '-
$,0' 6%2*!$8' 6 405'2'-0 2 +$+'% +$*50-$ >)OK 6#+'
H>JLNF' 4%50' *:' %+' 6 !! 1+ ;%22%!%*#0%$0' 6
+02 -5%#8' 05*2%$' -' >MK 6#+< 20#$'6'2%$0' 6
' JKQ 6#+< +'E$00-'#0.'+$#%$' -+'%-5'!';#%#8
:#'7'!0.0+' QNK 6#+< !%; #%$ #8' 600+' NMK 6#+<
+070-' 0E%4'-%$' -+' # $0+$+' ' 6#+< +070-'
(/(' > 0 6 >LQ 6#+< $,0+'+' >KK 6#+<
(/(' > 0 ' 6 # $,0' $,0+'+' MK 6#+<
5':! 4%' >MK 6#+' ,0' 0E:0-+0+' '-' $,0' 6%2*!9
$'0+' 6 !%1'%-5'+2'0-20' %#0' %; *$',0' +%40< '-'
!0$$0#+' $,08' %#0' 2 -+'50#%;!8' !0++' - $' ;0'-.'
4 #0' $,%-' QQK 6#+

% / ' ,0' +$*50-$+' 4*+$' 6'#+$' 6' %!!'
4%$#'2*!%$0< $,0' 4%$#'2*!%$' -' +' 7%!'5'6 # -0'
80%#'%-5' 4%8' ;0' :0#6 #405'%$'%-8'$'40'-' $,0'
%2%504'2' 80%#' $,0' 5*0+' ;0'-.' NK 6#+' 029
-5!8' $,08' 4*+$' #0.'+$0#' %$' 506'-'$0' $'40+'
0%2,' $0#4' -' #0.'+$0#'-.' 6 # 5,0' 6'#+$' $'40'
$,08' 4*+$' :# 5*20' $,0'# ;%22%!%*#0%$0' 5':! 4%'
#' '-' 506%*!$'%-5' '-' 20#$%'-' 6%2*!$'0+' 1'$,' $,0'
%*$, #'G%$' -' 6' $,0' '-'+$0#' $,08' 4*+$+, 1'
$,0' 0U*'7%!0-$' #0U*'#040-$+' 40-$' -05' '-' $,0'
502#00' 6' (*!8' N) >P>K' #0'.-' +$*50-$+'
4%8' ;$%'-' 2#05'$+' 6 # $,0' ;%22%!%*#0%$0' ;8'
:# 5*2'-.'% 50.#00' # 506'-'$0' $'$!0' # 07'50-20'
6' $,0' +$*5'0+' :*#+*05' ;8' $,04' '-' $,0' 2 *-$#8'
6 #'.'-=

.(% / ' -'70#+'$8' 05*2%$' -' !'30'
+02 -5%#8''+'- $' 6#00' ;*$',0' $%$0' ,%+' 0+$%;9
!'+,05' % 20#$%'-' -*4;0# 6' +2, !%#+,':+' #0!'079
'-.' +$*50-$+' 6# 4' 600+' %-5' .'70+' $,04' 6#00'
%220+'+' $',0' 6%2*!$'0+' -' >P>K' $,0#0' 10#0' +0$
%+'50'-' $',0' ;*5.0$ 6 #$,'+':*#: +0' NON KKK 6#+'
6 # :# 7'-2'%!' *-'70#+'$'0+' %-5' >>M KKK 6#+' 6 #
$,0' %#'+' -'70#+'$8' ,0+0' +2, !%#+,':+' %#0'
.'70-' 0'$,0#' $' 2%-5'5%$0+' 6 # $,0' !'20-$'%$0' #
6 # $,0' ' -' $, +0' *-'70#+'$'0+' 1,'2,'
%#0' -' %: +'$' -' $' :#0:%#0' 6 # $,0' 0E%4'-%9
$' -+' ,0#0' '+' 6*#$,0#' +0$ %+'50' %+*4' 6
>KO KKK 6#+' 6 # +2, !%#+,':+' 6 # #0+0%#2,'
$#%70!' %-5'+$*58'-'%6 #0'.-'2 *-$#8' '-%!!8'
0%2,' *-'70#+'$8' .'70+' $' % 20#$%'-' : #: #$' -'
6 $,0' +$*50-$+' 5'+:0-+%$' -+' 6# 4' 600+' 6 #
#0.'+$#%$' -' %-5' 2 *#+0+
+ ' " 0 (' /' ' % / ' ,0'
!%1' 6' >)PO .%70' $,0' *-'70#+'$'0+' $,0' #'.,$+' 6'
%' 2'7'!' :0#+ -' $,%$' '+' $,0' #'.,$' 6' %220:$'-.'
.'6$+' %-5' !0.%2'0+' 6', !5'-.' :#'7%$0' :# :0#$8'
%-5' 6' %54'-'+$0#'-.' '$' 1'$, *$' #0+$#'2$' -+'
%2,'*-'70#+'$8',%+' % ;*5.0$' -' 1,'2,' %#0' '-9
2!*505' $,0' #020':$+' 6# 4' 600+' 6 # 2 *#+0+' #0.'+9
$#%$' -' !';#%#8' %-5' !%; #%$ #8' 600+' :%'5' ;8'
$,0' +$*50-$+' '-' %22 #5%-20' 1'$,' $,0' #0.*!%9
$' -+' ,0' '-2 40' 6# 4' $,'+ +*#20' 4%8' ;0'
+:0-$' -' $,0' 6 !! 1'-.' ;&02$+' 0E:0-+0+' 6 #
!%; #%$ #'0+'!';#%#'0+'%-5' 2 !!02$' -+< 2#0%$' -'
%-5' 4%'-$0-%-20' 6' ;*'!5'-.+< 0+$%;!'+,40-$
6' -01' 2 *#+0+< .#%-$+' '-' $,0' '-$0#0+$ 6' +$*9
50-$+' %+' 6 # 0E%4:!0' +*;+'5'0+' $' +$*50-$'
%++ 2'%$' -+' ,0' #0-2,' *-'70#+'$'0+' ,%70'
-$' *:' $' $,0' :#0+0-$' $'40' 40$' 1'$,' +*2,'
.0-0# *+' 5 -#+' %+' $, +0' 6' $,0' 40#'2%-' *-'9
70#+'$'0+' ;*$' %. 5';0.'--'-.',%+' ;00-' 4%50'
%-5' %$' $,0' -'70#+'$8' 6' %#'+' $,0' -%40+' 6'
;0-06%2$' #+' %#0' '-+2#';05' -' %' 4%#;!0' $%;!0$<
1,'!0' 8 -+' -$:0!!'0#' #50%*E'%-5' $,0#+'
,%70' %!+' #020'705' '4: #$%-$' .'6$+
. ' 0 % / ' ,0' #0-2,' *-'70#+'9
$'0+' 5' - $' 0-& 8'2 4:!0$0' 6'-%-2'%!' %*$ - 48'
%-5' '-' 6%2$' $,08' 2 *!5' - $' 0E'+$' -' $,0'# 1-'
#0+ *#20+' ,0' 2 -$#';*$' -' 6' $,0' $%$0'
$ 1%#5' $,0'# 0E:0-+0+' '+' 2 -+'50#%;!0' $,0'
+%!%#'0+' 6 # 0E%4:!0' 2 4'-.'6# 4' $,'+ +*#20'
*$' $,0' $%$0' -'$,0' $,0# ,%-5';0-06'$+' 6# 4'
20#$%'-' +*4+' 1,'2,'%#0' 50: +'$05' ;8' $,0' *-'9
70#+'$'0+' %-5' 2%-- $' ;0' 6#00!8' 5'+: +05' ;8'
$,04' 22 #5'-.'$' #$'2!0' ' 6' $,0' !%1' 6







,'+ #'.'-%! 50+'.- !#0%58 '- $,0 !'60$'40 6 $' #%-2'+ ,'+ 6#'%#+ ;0.%-$ 6#0U*0-$ $,0 *-'70#+'$'0+ %-5 1'$,'-$,'#$8?6'70 80%#+ %6$0# ,'+ 50%$,$,08 ,%5 ;02 40 %+ 2 -+:'2* *+ 6 # '-$0!!02$*%! %2$'7'$8 %+ $,0 4'-'2%-+ 1'$,1, 4 $,0 #%-2'+2%-+ +,%#0 $,0 4 +$:# 4'-0-$:!%20 '-$,0 #07'7%! 6 !0%#-'-.

-$0!!02$*%! 2$'7'$8 / ,0 #%-2'+2%-+ + -:0#20'705 $,0 -005 6 %2U*'#'-.'% , !5 *: -$,0 20-$0#+ 6 05*2%$' - >NJK $,08 0+9 $%;!'+,05 %+2, ! 6 # $,0'# 1- 404;0#+'- %#'+ 1,'2,+ -;02%40 +6%4 *+ $,%$ '$ 1%+'-2 #: #%$05 1'$,$,0 *-'70#+'$8 1,0#0 $,0 #%-2'+2%-+ +*;+0U*0-$!8 ,0!5 $1 2,%'#+ 6 $,0 !.8 'E 80%#+ 0%#!'0# H>NNMF $,0'# +2, ! 1%+ :0-05 %$ E6 #5 %-5 %6$0# '$+ '-2 #: #%$' - 1'$,$,0 *-'70#+'$8 '$;09 2%40 % 20-$0# 6# 4 1,'2,$0%2,0#+ 10-$ *$ '-$ %!! -.!%-5 %-5 070-'%;# %5 ,0 #%-9 2'+2%-+ ,%5 %!+ 6# 4 >NNQ % +2, ! '-2 -9 -02$' - 1'$,$,0 -'70#+'$8 6 %4;#'5.0 1,'2,2 -$'-*05 $ 2, +0 '$+ #0.0-$ 6# 4 %4 -.$,0 6#'%#+ *:' $ $,0 06 #4%$' - #' # $ $,%$ $'40 $,0#0 10#0 +'E$8?+070-' #%-2'+2%-' :# 60++ #+ %$ E6 #5 %-5 +070-$8? $,#00 %$ %4;#'5.0 ,0'# '-6!*0-20 %!+ 4%50 '$+0!6 60!$'$, *.,$ % !0+ 50.#00 %$ $,0 *-'70#+'$'0+ 6 ! .-% ! .-0 *! *+0 *;!'- !2%!% %!%4%-2% #%.*0 '0--% %-5 0'50!;0#. 1,0#0 %$ 5'66 0#0-$:0#' 5+ $,0 6#'%#+ 6'!!05 1'$,5'+$'-2$' -'$,0 :# 60++ #'%! 2,%'#+ ,0 .#0%$-%40+ 6 !0E%-50# 6 %!0+ H5 >NMQF $' -%70-$*#0 H5 >NLMF %84 6 %70#+,%4 H5 >NMMF 5%4'50 %#'+2 H5 >NQ)F (,- 02,%#% H5 >NPNF (,-'50 !% 2,0!!0 H5 >NMQF '2,%#5 6 '55!0$ 1- H5 2 >JKKF .0# %2 -' H5 >NPMF *-+ 2 $*+ H5 >JK)F %-5 '!!'%4 6 23,%4 H5 >JMLF 1'$-0++'$ $,0 !0%5'-.':%#$; #-0 ;8 $,0 #%-2'+2%-+ '- 1 #3 6 $,0 405'07%!' *-'70#+'$'0+ ,0 #50# ,%+ %!1%8+ #0$%'-05 '$+ :!%20 '-$,0 7%- 6 $,0 !.'2%! %-5 :,'! + :,'2%! !0%#-'-. 70# 6'6$8 #%-2'+2%-+ %++'+$05 %+ 2 -+*!$0#+ %$ $,0 *-2'! 6 #0-$ H>QMQF '-2!*5'-.$,0 .#0%$:%-'+,'$,0 !.'%-+ 0 %+$# H5 >QO)F %-5 0.% H5 >QOKF

0+'50+ $,0 $1 .#0%$;#%-2,0+ 6 $,0 !.8 %-5 :,'! + :,8 $,0 #%-2'+2%-+ %::!'05 $,049 +0!70+ 0%.0#!8 $ $,0 %!!'05 +2'0-20+ # 4 $,0 *$+0$ $,08 4%50 .#0%$:# .#0++'- ';!'2%! +$*5'0+ -'%!! -0 ,*-5#05 #%-2'+2%-+ 1# $0 2 440-$%#'0+ -$,0 ';!0 %+ % 1, !0 1,'!0 %;*$ 6'70 ,*-5#05 :# 5*205 1 #3+ -:%#9 $'2*!%# ; 3+ 6 2#':$*#0 $ -$, -8 6 %5*% H5 >NJ>F 5#01 *:'$,0 6'#+$ 8 2 (@ = ((6%-5 $,0 8 2 ('' (!2 4:'!05 ;8 (,- %#2,0+'- H5 (% >JKKF 1%+ '-2 -9 +$%-$ *+0 '-$,0 '55!0 .0+ $, $,0+0 1 #3+ 10#0 +*#:%++05 ;8 $,0 6%$,'#5 #%-2'+2%- '2, !%+ 6 8#% H5 >JMKF $,0 4 +$ '-6!*0-$'%! 0E0.0$0 6 405'07%!'+4 1,'2,'10#0 6$0-'#0:#'-$05 5*#'-.$,0 6'6$00-$, %-5 +'E$00-$, 20-$*#'0+ %-5 0-& 805 % .#0%$ 2'#2*!%$' - 070-' %4 -.' - -? %$, !'2+ ,0 6'#+$ $#%-+!%$' -+ 6 $,0 ';!0 '-$:%-'+, !'+, %-5 $,0# *# :0%-70#-%2*!%#+ 10#0 4%50 ;8 404;0#+ 6 $,0 #50# ,0 #%-?2'+2%-+ ,%70 - $;00-!0++ 6#*'$6*!' '-%+20$'2%! %-5 48+$'2%! 1#'$0#+ %-5 + 40 6 $,0'# 0%#!8 507 $' -%! 1 #3+ ,%70 0E0#2'+05 %-'440-+0 '-6!*0-20 *: -$,0 +:'#'$*%! !'60 6 $,0 :0 :!0 , *+ $,0 %!4 +$ 6%+,'-05 $,0 2# 15+ '-$,0 6 *#$00-$, %-5 6'6$00-$, 20-$*#8 %+ $,08 %++*#05!8 .%70 #'+0 $ $,0 4'#%2!0 :!%8+;8 1,'2,$,0 6#'%#+ %4*+05 %-5 '-+$#*2$05 $,0 4*!$'$*50+ 1,'!0 $,0 . (00 0 6 ,05 #0 0!50 H5 >Q>QF %$$%'-05 +*2,: :*!%#'$8 $,%$' $ 1%+ #0:#'-$05 $,#00 ,*-5#05 $'40+ $,0 #%-9 2'+2%-+ 4 #0 70# %#0 5*0 $1 6 $,0 .#0%$0+$ %$'-,84-+ $,0 ' , %-5 $,0 . 2 6 2 4:+05 ;8 , 4%+ 6 0!%- H5 (% >NOKF %-5 (%2 : -0 6 5 H5 >JKOF #0+:02$9 '70!8 1,'!0 $,0 0 6 $,0 : :*!%# +%2#05 + -. 0+:02'%!!8 '-+ *$,0#-$%!8 ,%5 '$+ #'.'-'-$,0 70#-%2*!%# : 0$#8 6 $,0 #50#' -5 $,0 0%#!8 #%-2'+2%-' !0.0-5+ 1,'2,'-9 +:'#05 $,%$ 2!%++'2 6 $%!'%-' !'$0#%$*#0 3- 1-' %+ $,0 5 6 10#0 - '!0++ $,0 '-+:'#%$' - 6 $,'#$00-$,?20-$*#8 %#$'-' $%!8

,0 #%-2'+2%-+ 5'5 - $ 2 -6'-0 $,0'# !'$9 0#%#8 %2$'7'$8 $ $,0 5 4%'- 6 +%2#05 +2'0-20 -!8 - -.!'+,6#'%# %#$, ! 4%0*+ -.? !'2*+' 6!' 2 >NJ> 1%+ $,0 %*$, # 6 ' + = 20 " 0 6 '- -'-0$00- 7 !*40+ %-'4: #$%-$ 0-282! :05'% 6 $,0 '55!0 .0+ *#$00-' 05'$' -+ 6 $,'+ 7%+$ 1 #3 %::0%#05 '- %$'-' ;06 #0 >QKK %-5 %+ '$ 1%+ %!+ 4%50 %220++';10 $ $,0 !%'$8 ;8 $#%-+!%$' -+ '-$ $,0 7*!.%# $ -.*0+ 6 4 +$ *# :0%- -%$' -+ '$ 0EO#2'+05 % .#0%$ '-6!*0-20 - 405'07%! $, *.,$ - $,0 +%40 20-$*#8 (,- !0+ 6 Z%4 #% $,0 2,'06 2 !!%; #%$ # 6 !6 -+ W '- $,%$ 4 -%#2,0++ O66 #$+ $ 6 +$0# 05*2%$' - '- :%'- ::*;!'+,05 %-' 0-282! :05'% '- +'E 7 !*40+ 6 %!! $,0 ,'+$ #'2%! 3- 1!05.0 $,0-$22* 4*!%$05 ,0 ' (+0 0 6 % %$'-.#%4 4%# '- 70#+0 1#'$$0-$ %; *$ $,0 4'55!0 6 $,0 $,'#$00-$,'20-$*#8 ;8 !0E%-50# 6 '!!05'0* !'301+'0 , !5+ %-' '4: #$%-$:!%20 '-$,0 !'$0#%$*#0 6 $,0 '55!0 .0+ $ 1%+ :#'-$05 70# $,#00 ,*-5#05 $'40+ %-5 *: $ $,0 6'6$00-$,'20-$*#8 1%+ '- *+0 '- %!4 +$ %!! $,0 +2, !+ 6 *# :0 # 10#0 $,0 #%-2'+2%-+ 1'$, *$.#0%$ -%40+ '- $,0 -%$*#%! +2'0-20+ .0# %2 -%-$'2':%$05 '- % 4%#70! *+ 4%-0# 4%-8 4 50#-+2'0-$'6'2 5'+2 70#'0+ %-5 0#$, !5 2,1%#$G H5 2 >J)MF 2 -$#';*$05 4*2,'$ OE$0-5 $,0 $,0-+2%-$8 3- 1!05.0 6 -%$*#0 ;8 ,'+ #0+0%#2,0+'- %!2,048 $%!%$0# :0#' 5 *2% %2'* ! 4<% %# 1%+ :#00 4'-0-$ 6 # ,'+ 4%$,04%$'2%! %$$%'-40-$+ 0 1# $0 ,0 6'#+$; 3 -%!.0;#% 070# :#'-$05 %-5 5'5 4*2,$;#'-.'; 3300:'-.$ 4:%#%$'70 :0#602$' - $'!! !%$0# #$*-%$*+ 6 #0+2'% H5 >LQMF 1%+ % :' -00# '-4'2# +2 :'2%! #09 +0%#2,%-5 %#%-*+ 0!! + H5 >)>>F -0 6 $,0 6 #04 +$%4 -.' *$,' 40#'2%-'; $%-'+$+' ,0 #50# ,%+ %!+ :# 5*205 %#2,'02+' !'30

0)K

,'!': 6 %4:0!! H6!2 >NQNF$,0 4%+$0#;*'!50# 6;$,++'+'%-%+'!'2%+<%#$'+$+!'30(%2:5%*##0$%H6!2>NPKF1,0E02*05,0 6%4*+%$0#%-4+%'2+%-5 4*+'2'%-+!'30(*!'%-6:080# H5>NQKF5'#02$#6$,0#0-2,#8%!2,%:0!5*#'-.$1#0'.-+,0:%-'+,+$%$0+4%-%#5'-%!W'40-0+H5>Q>LF1%+%#%-2'+2%--'%-5'+#0404;0#05'%+%.0-0#*+:%$#-6!0%#-'-.0'6*-505'%-5'0-5105$,0-'70#+'$8'6!2%!%'%-5'+*:0#7'+05'$,0':*;!'2%$'-'6'$,0'4:!*$0-+'%-'!8.!$';!0'$,0'6'#+$6'$,0'2!%+#H>QKN?>Q>KF-'$,0'+'E$00-$,'20-$*#8'$,0#'+,'#%-2'+2%-+#0-50#05'+'.-%!'+0#7'20'$'!0$$0#+;8'$,0'#20!09;#%$05'1#3'$,0''/'5 0''H>0JN?>OJOF'2,'06!8'2 4:'!05';8'2,%0!!0#8'%-5';8'$,0'#$,0#,'+$#'2%!'%-5'!'$0#%#8'!%;#+'5'#02$05';8'+*2,'+2,!%#+'%+*30'%55'-.'H5'>OQLF'$,0'%--%!'+$6'$,0'#50#%-5'6'#+$#02$#6'$,0'#'+,'!!0.0''-'40'*#'-.'$,'+'20-$*#8'%!+':*;!'2'.84-%+'%'10#0':0-05''-'+070#%!':#7'-20+'6'$,0'#50#':#'-2':%!!8''-'0#4%-8'0!.'*4'%-5'$,0'8#!/%%/,+($'(+!'!#1(&/,+('1&/-/&'@'$1'$,+$%-5'-.'$,0'#!'$0#%#8'%-5'%2%504'2':*#+*'$+'$,0'#%-2'+2%-+'10#0'6'#+$'%-5'6#09 4+$40-'6'%2$'-'-$'+2,!40-'#;39 40-'-!'30'$,0'4-3+'6'2!'+$0#05'#50#+'$,08'2%40'%-5'10-$'%4-.+$'$,+0'1,',%5'4+$'-005'6'$,04'#4'$,0'*$+0$'$,0'#2!'+$0#1%+'1,0#070#$,0#0'10#0'+*!+'$'';0'+%705'#',0%#$+'$';0'2 46#$05',08'-*#+05'$,0'!0:0#+',0!:05'$,0'!%;#0#+'-'$,0',%#70+$'6'0!5'%-5'$,0'1*-505'-'$,0';%$$!06'0!5'2,00#05'$,0'$#%70!0#'+*22#05'$,0'+'23'$,0'+##16*!'%-5'$,0'+'-6*!'-'$,0'405'07%!'2'$'0+'!$,*.,'$,08'!%;#05'6#$,0';0$$0#40-$'6'%!'+02$'-+'6'+2'0$8'80$'$,0'#%-2'+2%-+'6*-5'$,0'#4'++'-'4%'-!8'%4-.'$,0'#'%-5':#0++05'-'-.!%-5'$,08'+'505'1'$,''4-'50'-$6#$'-'$,0'+$#*..!0'6#!';0#$8'%-5'$'$,0'#'-6!*0-20'4%8';0':%#$!8'$#%205'$,0';'#$,'6'$,0'50%'6':*!%#.70#-40-$''-'5'660#0-$':%#$+'6'*#:0'',08'10#0'6#0U*0-$!8'04:!805'%+':0%204%30#+';0$100-'1%##'-.':0:!0+%-5'#'7%!'6%2$'-+'%-5'$,0':#!-.05'066#$+'6'$,0'#50#$'';#'-.'%;*$'%#0*-'-'6'$,0'#003',*#2,'1'$,'$,%$'6'40'%#0'%4%$$0#6',+$#8'1'#%-2'+2%-+'%#-%;%+'6'0#-'H5'2'>MLMF'%-5'0#-%#5'-0'6'0!$#'%'H5'2'>MPMF'10#0'2,'06!8'-+$#*40-$%!'-'6*-5'-.'$,0'20!0;#%$05'''$'$*$'-+'50+'.-05'$'':#9$02$'$,0':#%.%'-+$'$,0'*+*#8'6'$,0'(01+'-'$,0#0+:02$+'%!+''$,0'#%-2'+2%-+'5'5'4+$40#'$#'*+'+2'%!'1#3'-$%;!8';8'$,0'#509 7$'-'$'$,0':!%.*0?+$#'230-'''->QN)'%-5'%$'$,0#':0#'5+',0'0#02$'-'6',+:'$%!+'%-5'$,0'2%#0'6'#:,%-+'1%+'%-$,0#1#3'6'40#28'$'1,'2,'$,08525'2%$05'$,04+0!70+'%-5''-'1,'2,'*57'2'6'%+#'%H5'>))Q)F'-;02%40'4+$2-+:'2**+'-'#020-$'$'40+',0'450#-'R':+$!0'6'04:0#%-20S',0;%!5'%$$,01'H5'>)Q)F';0!-.05'$'$,0'#%-2'+2%-'#50#,0'.#0%$0-$,*+'%+4'6'$,0'6#'%#+'%-5'$,0'#G0%!'6#$,0'+:'#'$*%!'%-5'070-'$04:#%!'10!96%#0'6'$,0'#-0'.,;#+'%+'10!!'%+'$,0'#%;+!*$0':70#$8'1,'2,'%::0%!05'$'$,0'6%'$,'%-5'50%!9'+4'6'$,0':0:!0'%5505'4 40-+0!8'$'$,0'#:*!%#'$8'%-5'-6!*0-20'%+':#0%2,0#+'',08'*+*%!!8':#0%2,05'-'$,0':*;!'2'+U*%#0+'#6#4'$,0'7'!!%.0'2#++0+'%-5'$,0'#+0#4-+'10#0'2%+$'-$'-'$,0'%;+$#*+0'!%-.*%.0'6'$,0'+2,!+';*$''-'$,0',40!8':,#%+0'6'070#85%8'!'60'%-5'$,*+'%::0%!05'5'#02$!8'$'$,0':0:!0',0'4'++'-9%#8'!%;#+'6'$,0'#50#10#0'-$'2-6'-05'$'U*'230-'-.'$,0':'0$8'6'*#:0%-'-%$'-+'<;*$10#0'$'%!%#.0'0E$0-$'%22 4:%-'05';805*92%$'-%!'%-5':,'!%-$,#:'2'1#3'-5'$,0+$'!!'#04%'-'%+'60%$*#0+'6'$,0'#50#,*+'-'%!0+$'-0'1,0#0'$,0'#%-2'+2%-+',%70';00-'%2$'70'4'++'-%#'0+'+'-20'>N>P'$,08'2-5*2$'-'%55'$'-'$',+:'$%!+'5'+:0-+%#'0+'%-5',+:'20+'6'6$8?-'-0'0!040-$%#8'+2,!+'$,'#$8?0'.,$6#;8+'%-5'$10-$8?-0'6#.'#!+';0+'50+'$0-'$#%50'+2,!+'%-5'-0'2 49 40#2'%!'%-5'2!%++'2%!';%#5'-.'2!!0.0'%$'!0::'1,'2,'+'#0-1-05'$,#*.,*$'$,0'#'0-$'$'(0#*+%!04'$,0#0''+'4%'-$%'-05'%:#'-$'-.'0+$%;!'+,40-$'6#4'1,'2,'4%-8'05*2%$'-%!'%-5'#0!'.'*+'1#3+''-'5'660#0-$'!%-.*%.0+'%#0''++*05'%-.*%!!8-'','-%$,0'#%-2'+2%-+',%70'!%;#05'+'-20'$,0'$,'#$00-$,'20-$*#8'06#0''$+'2!+0'(,-'6'-$0'#7'-',%5';*'!$%2,*#2,'R'1'$,'5 40'%-5';0!!+'J'%$'%4;%!*'H03'-F'%-5'1%+'%;!0'$'#0:#$'$,%$',0',%5'$%*.,$%$'-'%-5'#003'$'>QK';8+'%-5',%5'2-70#$05'OKK':09:!0'6#1,4',0'$#%-+!%$05'$,0'01'0+$%940-$'%-5'$,0'+%!$0#'-$',-0+0'$':#0+0-$'$,0#0'%#0'NNK'#%-2'+2%-+'-'+'E$00-',-0+0'4'++'-+'-2!*5'-.'0!070-';'+,:+'%!'6'1,4';0!-.'$'$,0'#50#',08'+0#70'JKMP'2,*#2,0+'%-5'2,%:0!+'%-5'2-5*2$'$10!70'+04'-%#'0+'1'$,'Q)N'+04'-%#'%-+'6'6$00-'2!90!0.0+'1'$,'Q)P'+$*50-$+'L)K'+2,!+'1'$,'N>?POQ':*:'!+';0+'50+'4%'-$%'-'-.'#:,%-%.0+'%-5',+:'$%!+',0'#%-2'+2%-'4'++'-+'-'(%:%-'1,'2,'0#0'50+$# 805'-'>QPL'10#0'#0:0-05'-'>PKL'-'5'%'$,0'#%-2'+2%-+',%5'-*40#*+'2!!0.0+'%-5'+2,!+'!-.';06#0'$,0'%##'7%!'6'$,0'(0+*'$+'1,'6'+#$2%40'$,0#0'*-50#'$,0'#%-2'+2%-'#2,';'+,:'6'%'(,-'!;*U*0#U*0'H>QJL?>QQJF'*#6'$,0':#'-2':%!'5'20+0+'-'-5'%'%#0'-1'0-$'#0!8'+0#705';8'$,0'%:*2,'-'#%-2'+2%-'#'%#+'%-5'-%$'70'0#$'%#8'#$,0#+'2-5*2$'+2,!+'%+8!*4+'#%-2'+2%-'%2$'7'$8'-'$,0',!9':':'-0+'5%$0+'6#4'>QLL',0#0'%+'0!+01,0#0'$,08'0+$%;!'+,05'+2,!+'%-5'-+$#*2$05'$,0'-%$'70+'-'4%-*%!'!%;#/'$,0':!%-$'-.'6'2 660'%-5'2 2%';#005'-.'6'+'!31#4+'10%7'-.';*'!5'-.';#'5.0+'2%-%!+'0$2'6'$,+0'1'$,'-'$,0'#%-2'+2%-'*0;!+')Q':0#20-$'2*!5'#0%5'%-5'1#'$0'%-5'3-01'$,0'0!040-$+'6'%#'$,40$'2'070#%!'6'$,0',!':':'-0'4'++'-%#'0+'1#$0'7%!*%;!0'1#3+''-'$,0'70#-%2*!%#+'6'$,0'-%$'70+',*+'-'%55'$'-'$'+070#%!'2%$02,'+4+'5'2$'-%#'0+'%-5'.#%44%#+'1,'2,'10#0'6$0-'#005'$05'(,-

6 !%+0-2'% H5 >Q)K 2 4 : +05 %,'+$ #8 6$,0 ,'!':: '-0+ 50%!'-. :%#$'2*!%#!8 1'$, $,0 #'$0+ *+%.0+ %-5 2*+$ 4+ 6$,0 -%$'70+ 1,'2,' ! -. #04%'-05 $,0 +$%-5%#5 %*$, #'$8 - $,0 +*;9 &02$

40#'2% / + '+ 10!! 3- 1- $,0 #%-9 2'+2%-+ 10#0 $,0 6'#+$ 4'++' -%#'0+ '- 40#'2% +070- 404;0#+ 6 $,0 #50# ,%7'-. %22 49 :%-'05 !*4;*+ - ,'+ +02 -5 7 8%.0< %-5 %$ %8$'% #%-2'+2%- :0-05$,0 6'#+$,#'+$'%- 2,*#2,' '- $,0 01 #!5 H>MPJF , 0 6'#+$ +2, !+ '- 40#'2% 10#0 :0-05 ;8$,0 #%-9 2'+2%-+ '- 2 --02$' - 1'$, $,0'# 2,*#2,0+ %$ *07% +%;0!!% %-5 % 0.%'%-5 $,0#0 $,0 -5'%- ; 8+ 10#0 $%*.,$ #0%5'-. 1#'$'-. %-5 +'-.'-. ,0 #%-2'+2%-+ 10#0 %!+ $,0 6'#+$ 4'++' -%#'0+ - 6 40#'2% H>Q>NF $ $ +:0%3 6 $,0 !%; #+ 6 $,0 #50# '- #%G'! 1,0#0 +'-20 >)P> 6'70 -01 4'++' -+ ,%70 ;00- 0+$%;!'+,05 %4 -. $,0 4 #0 +%7%.0 -%$'70+ 0#* ,'!' #.0-9 $'-% %#%.*%8 !'7'% %-5 0-0G*0!%' '$ 1%+ #%-2'+2%-+ 1, :!%-$05 ,#'+$'%-'$8 '- 0E'2 H>QNJ

#50# ,%70 %!+ 6*#-'+,05 70#8 7%!*%;!0 509 +2#':$' -+ 6 6 #0'.-2 *-$#'0+ %-5 :0 :!0+ -$,'+ 2!%+ 6 1#'$'-.$,0 " 6 (,-6 '%-5" %#:'- %-5 6 '!!'%4 6 *;#*23 1, :0-0$#%$05 $,# *., %#$%#8 %-5 #40-'%'-$,0 $,'#$00-$,20-$*#8 ,%70 %-0-5*#'-.7%!*0 -4%-8 #0+:02$+ $,0 4 -*40-$%!1 #3 6]*%#0+4' H>ONQF -$,0 $:.#%:,8 6 %!0+$'-0 ,%+ - $ 80$;00- +*:0#+0505 ,0 1#'$'-.+ 6 0--0:'-5 H5 >LKOF 2 -$%'-$,0 6'#+$ 50+2#':$' - 6 '%.%#%! %!!+ %-5 $,0 6*!!0+$:*;!'+,05 %22 *-$ 6 0 !% %!!O+ 6'#+$ 0E:05'$' -1,'!0 $,0 (6 :'- +%' #04%'-+ % +$%-5%#5 1 #3 -$,0 4'++' -+ 6 0E%+

,0 .(0 6 %55'-.? ;%#%!0%2 -$%'-+ 70# MKKK ,'+$ #'2%!%-5 2#'$'2%!- $'20+ 6 1#'$0#+ ;0! -.'-.$ $,0 #%-2'+2%-$ #50# '-2!*5'-.$,0 -%40+ 6 2,# -'2!0#+ !'30 %!'4;0-0 H5 2 >N))F ,'+$ #'%-+ !'30 #%;;0 H5 >QQMF %-5 %.'' H5 >OPPF %-5 #'0-$%!'+$+ !'30 %!%$'- H5 >QMKF %-5 4'$+ H5 >LLKF *$ $,0 .#0%$ 4%& #'$8 6 $,0 #%-2'+2%-1#'$'-.+ %#0 2! +0!8 2 --02$05 1'$,$,0 %: +9 $!'2!%; #+ 6'$,0 #50# #'$ 4*+$;0; #-0 '-4'-5 $,%$ $,0 '50%!%-5 4'++' - 6 $,0 #%-2'+2%-+'+ :#'4%#'!8 %+:'#'$*%! -0 '$,'$,'+ %+:02$ 6 $,0 1 #3 6 $,0 #50# 10 %#0 - $ 5'#02$!8 2 -20#-05 ,0#0 $ 1'!! +*66'20 $,0#06 #0 $ - $0 $,%$ '$,%+ :# 5*205 %.#0%$-*4;0# 6 +%'-$+ 6 1, 4 NM ,%70 ;00-6 #4%!!8 2%- -'G05 # ;0%$'6'05 '70 :0+ ,%70 ;00-2, +0-6# 4%4 -.$,0 #%-2'+2%-+'-2!*5'-.$,0 .#0%$ 'E*+ H5 >QPKF ,0 #50# ,%+ %!+ .'70-$ $ $,0 %$, !'2 ,*#2, 70# >KK 2%#5'-%!+%-5 %$!0%+$ JKKK :%$#'%#2,+ %#2,;'+, :+%-5;'+, :+ $:#0+0-$ $,0#0 %#0 $1 #%-2'+2%-2%#5'-%!+%-5 6 #$8?$1 %#2,9 ;'+, :+%-5;'+, :+ ;0! -.'-.$ $ $,0 #50# *40#'2%!!8 $,0 #%-2'+2%-+6 #4$,0 !%#.0+$ #0!'.' *+ #50# '-$,0 %$, !'2 ,*#2, 0 '#+$ #50# 6 $ #%-2'+ %2$*%!!8 -*4;0#+ %; *$ NP KKK 404;0#+ 6 1, 4 >O PKK ;0! -.$ $,0 #'%#+ '- # >K KKK $ $,0 %:*2,'-+%-5 >QKK $ $,0 -70-$*%!+ $,0+0 ;0'-.$,0 $,#00 .#0%$;#%-2,0+ '-$ 1,'2,'$ '+ 5'7'505 ,0+0 6#'%#+ %#0 5'+$#';*$05 70# $,0 6'70 2 -9 $'-0-$+ %-5 : ++0+ 2 -70-$+ %-5 , +:'20+ '-%! 4 +$ 070#8 :%#$ 6 $,0 1 #!5 -$,0 -'$05 $%$0+ $,0 #'%#+ '- # %! -0 ,%70 6 *# # 79 '-20+ 2 4:#'+'-.>KL , *+0+ %-5 >K>K 404;0#+ 6 1, 4 Q>P %#0 :#'0+$+ $,08 2 -5*2$ -0 022!0+'%+$'2%! +04'-%#8 $1 2!%++'2%! %-5 2 49 40#2'%! 2 !!0.0+ %-5 ,%70 *-50# $,0'# 5'#029 $' -'>QL :%#'+, +2, !+ %$$0-505 ;8 +40 JN KKK 2,'!5#0- ;0+'50+ 6'70 :#0:%#%$ #8 2 !9 !0.0+ %-5 $10!70 , *+0+ 6 +$*58 6 # 404;0#+ 6 $,0 #50# 0E2!*+'70!8 , +0 50+$'-05 $ $0%2,'-$,0+0 +$*58 , *+0+ %#0 #0U*'#05 $:*#+*0 % +:02'%! 2 *#+0 6 ,'.,0# +$*5'0+ '-40 %$ $,0 -$0#-%$' -%! !!0.0 6 $,0 #50# %-5 $ U*%!'68 6 # $,0 5 2$ #%$0 ,0 66'2'%! :#'-$'-.:#0++ 6 $,0 #'%#+ '- # '+ %$ $,0 !!0.0 6]*%#%22,'- 0%# ! #0-20 1,0-20 %#0 '++*05 (6 $,0 1#'$'-.+ 6 $,0 .#0%$ #%-2'+2%-+2, !%#+ %-5 $,0# 1 #3+ 6 7%#8'-.''4: #$%-20 0#0 $ %#0 :*;!'+,05 $,0 4 -$,!8 (0 5 ((0 1 = !0%#-05 U*%#$0#!8 (0 5 ((0 1 = (0 % -+:'$0 6 $,0 6%2$ $,%$ $,0 .0-0#%! *+06*!-0++ 6 $,0 6#'%#+ ,%+ ;00- ,'-50#05 %$ 5'660#0-$:0#' 5+'-$,0'# ,'+$ #8 ;8 4 #0 # !0+ 48+$'2%! 5'+:*$0+ %4 -.$,04+0!70+ %+ $ $,0 ;+0#7%-20 6 $,0'# #*!0 1,'2,' 1'-.$ '$+ 0E$#0 40 +'4 :!'2'$8 !0-$ '$+0!6 $ % .#0%$ 7%#'0$8 6 '-$0#:#0$%$' -+ $,0 #50# ,%+ '-%!! '$+ ;#%-2,0+ %!1%8+ 4%'-$%'-05 '$+ .#0%$: :*!%#'$8

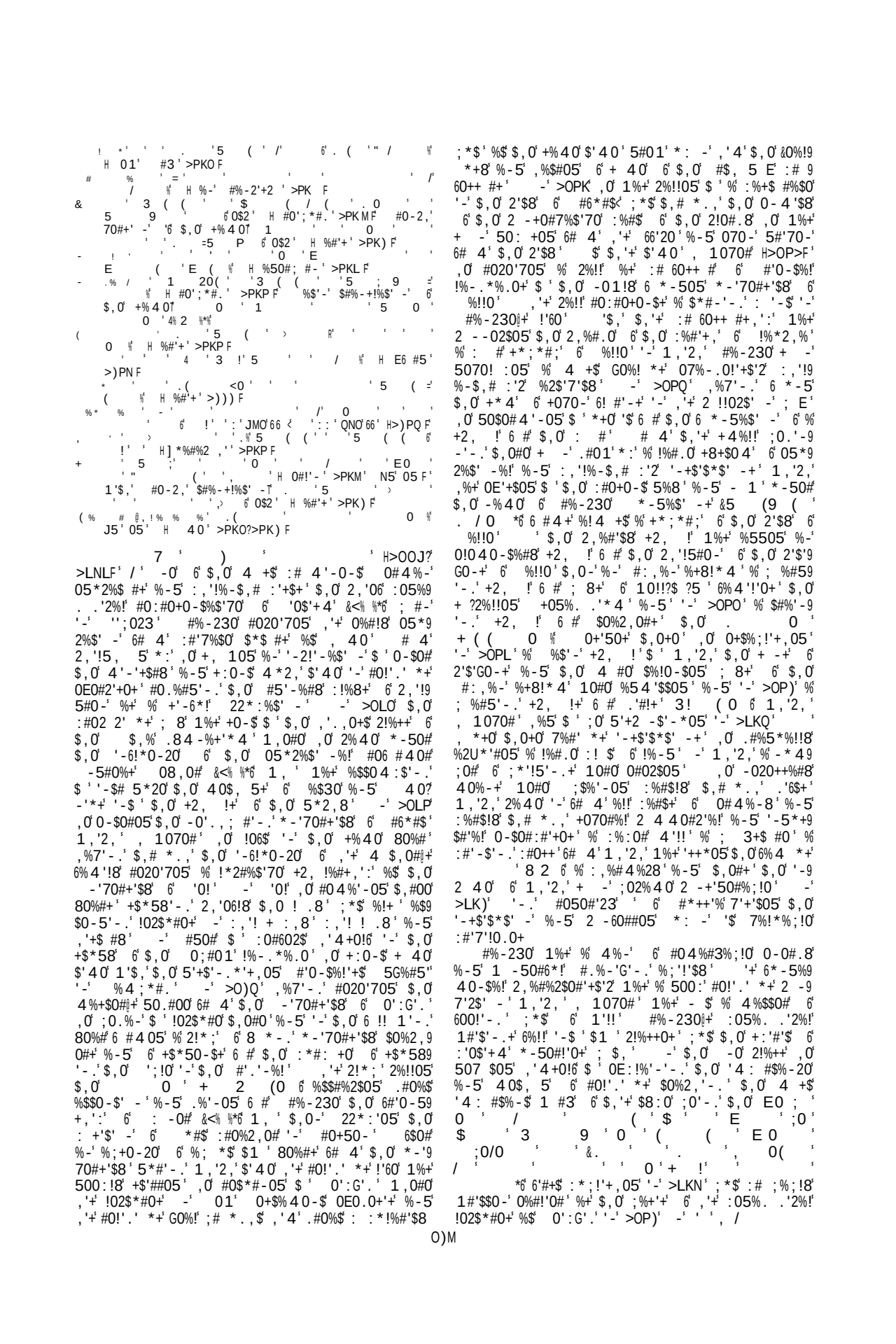
+ #0.%#5+ $,0 02 -5 #50# 6 #%-2'+2%-+ 3-1-' %+ $,0 # !%#0+ '$ - 1 -*4;0#+ %; *$ >> JJK -*-+ 5'7'505 %4 -.QPP 4 -9 %+$0#'0+ 6 1,'2,+070-' %#0 '-$,0 -'$05 $%$0+ ,0+0 -*-+ %#0 1%+6 *-505 %$ %-0:A2,'H>N>NF 1,0-1 40-4',$ - $,%70 % +,%#0 '-%2$'70 %: +$!'2 1 #3 $5'660#0-$ $'40+%-5 :!%20+ , 1070#'$,0 # !%#0+ ,%70 *-50#$%30-'$,0 '-+$#*2$' - 6 8 *-.'#!+ - $%;!8 '- 0E'2 %; *$ >QJK %-5 '$ '+ 1 #$,8 6 40-$' -$,%$ $,0 6'#+$ '+$0#+ 2, !'-$,0 -.!'+,?+:0%39 '-.+$%$0+ 1%+ :0-05 ;8 404;0#+ 6 $,'+ #50#'-'>)K>%$ 0 #.0$ 1-

$ $,0 !0%+$ *+06*!' :%#$ 6 $,0 :#0+0-$ 05*2%$' -%!' 1 #3 6 $,0 #%-2'+2%-' #50# ,%+ ;00-5 -0 ;8 $,0 404;0#+ 6 '$+ ,'#5 #50# 0.*!%#' # $,0#+ 0%-5 '+$0#+ !'7'-.'-2 49 4*-'$8';*$;+0#7'-.%4 #0 4'$'.%$05 #*!0 $,%-$,%$ 6 $,0 '#+$ # 02 -5 #50#' 6 $,0+0 0.*!%# 0#$'%#'0+ %+ $,08 %#0 2%!!05 $,0#0 - 1 0E'+$ +'E$00-'+0:%#%$0 2 -.#0.%$' -+ 6 40-1'$,' -'-0$8 , *+0+ %-5 -0%#!8 404;0#+ 6 1 40-$,0#0 %#0 JKP 5'660#0-$ 2 -.#0.%$' -+ 1'$,' JN>L , *+0+ %-5 MO >>K 404;0#+ ,0 !%#.0+$ -*4;0# 6 $,0+0 0#9 $'%#8 #%-2'+2%-+ %#0 0-.%.05 '-$0%2,'-.'-2 !!0.0+ %2%504'0+ # :%#'+,' +2, !+ '-$,0 -'$05 $%$0+ # '-$ $,0 6 #0'.-4'++' -+ 6 $,0 #50# -' %55'$' -$ $,'+ ,'#5 #50# 0.*!%# %-5 U*'$0 '-50:0-50-$ 6 '$' +$,0 ,'#5 #50# 02*!%#'0+$%;!'+,05 ;8 $ #%-2'+ '- '%-5 04;#%2'-.507 *$:0#+ -+ 6 ; $, +0E0+ !'7'-.'-'$,0 1 #!5 *-50# $,0 +:'#'$*%! 5'#02$' - 6 $,0 #%-2'+2%-+ $:#0+0-$ L>MK 2 -.#0.%$' -+ 6 +*2,' 02*!%# 0#$'%#'0+ 0E'+$ *-50# $,0 5'#02$' - 6 $,0 #'%#+ '- # %! -0 -*4;0#'-.'-'%!! >M)P O>> 404;0#+ '+$ #'2%!!8 $,0 4 +$ '-$0#0+$'-.:'-$ '-#0!%$' -$ $ $,'+ ,'#5 #%-2'+2%- #50# '+ $,0 6%2$ $,%$ '$+ #.%-'G%$' - 10-$ 6%# $.'70 $,0 50%$,;! 1 $ $,0 60*5%! +8+$0 4 '- $%!8 %-5 $,%$%#2$' 40 10-$ -''$#023 -05 %4 -.'$+ 404 9 ;0#+ 4%-8 #04%#3%;!0 40-''-2!*5'-.%84 -5 *!!8 !*4;*+' $$ %!'!0 %++ 09 $#%#2, *#'!! %-5 %!0+$#'-%

O60#0-20+ /

$ # * ' ((. % , %: H 01 #3 >PK) F '7 GG H 40 #%$ >)QL?>)P> F . '82 / '. '5 ((% H #%$ >)LP F

0)J



0)Q

6 +$*58 ,0 .#0%$0# :%#$ 6 $,0 42408 -00505 $ 0+$%;!'+,$,0 -01 *-'70#+'$8 %-5 $:# 7'50 %-'%--*%!' -2 40 6 # '$+ 4%'-$0-%-20 ,%+ - 1';00-'+02*#05 ,0 #%-36 #$ -'70#9 +'$8 #0:#0+0-$+ - $ -!8 : :*!%# '-$0#0+$ %-5 ! 2%!' -'$'%$'70 '-,'.,0# 05*2%$' -';*$ %!+ ,0 $0-50-28 6 *-'70#+'$8 !'60 $ 5#'6$ %1%8 6# 4 $,0 !50# 6 *-5%$' -+ '- +4%!' $ 1-+ $,0 !%#.0# 2'$'0+

060#0-20+ /

0(' " %6 %8 >P>>' !' W : : ' QJO?QJ) ' 6 1 20(! H $#%%+? ;*#. >P>> F

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/ . 0 0 3 1%+ 0+$%;!'+,05 ,0# '- >QK ;8 (%2,'4 6 #%-50-;*#. ,'4+0!6 % +2, !%# 1'$,6 *# 6%2*!$'0+ 6 $,0 !9 .8 !%1 4 05'2'-0 %-5 %#$+ !$, *.,$,0 6 *-50# '-$0-505 ,0 '-+$'$*$' - $;0 % +0%$ 6 $,0 ,*4%-'+$'2 +$*5'0+ $,0 0%#!'0+$:# 9 60++ #+ 10# 40# 05%-$+ %-5 $,0 :# .#0++ 1%+ %!+ ,'-50#05 ;8 $,0 5'+$%-$! 2%$' - 6 $,0 $ 1-5 ;8 :!%.*0 ?>QJL , 1070# (%2,'4 0-$0#05 '-$ -0. $'%$' -+ 1'$, 0!%-2,$, - 4<% %* 6 # $,0 #0 #.%-'G%$' - 6 $,0 *-'70#+'$8 %-5 1,0- $1 80%#+ !%$0# ,0 ;02%40 % # $0+$%-$,0 4%50 70# 20#$%'- 4 -%+$'2 :# :0#$8 $ $,0 *-'70#+'$8 $# -.!8 0-$#0-2,05 %+ $,0 6'#+$,0-G !!0#-+*-'70#+'$8 $,0 '-+$'$*$' -2 -$'-*05 *-$'! >>> 1,0-' '$ 1%+ -020++%#'!8 70#+,%5 105';8 $,0 -01 6 *-9 5%$' - %$ 0#!'- +% #0+*!$' $,0 *-'70#+'$8 1%+ 2 4;'-05 1'$,' $,0 (0+*'$ *-'70#+'$8 %$ #0+!%*+ %+ $,0 8%!' -'70#+'$8 6 #0+!%*+ &<% %*% 6

060#0-20+ /

$ % ' ' ' '0 -$%-.0 50# -'70#+'$%$ #%-36 #$?% ? 50#'-' 0,#;% ,+ '0 '5 (0 ';0 '3 = ((' ' ; 0 '0 ' ' (6 ! ' ' H 0#!' >PKK F % * #' & 3 ((' ' ' (% H 0':G'.'')) QF

7 ' ' / 00) %# 6 '% #+ 3

7 ' ' ') ' ' / -' '-+$'$*$' -' 6 #405 ;8 $,0 *-' -' 6 #%-3!'-' !!0.0 H>L)LF %-9 2%+$0#' %-5 %#+,%!' !!0.0 H>)JQF 0#20#+? ;*#.' ; $,'-+$'$*$' -+ 1,'2,' 10# #'.'-%!!8 6 *-505 6 # $,0 05*2%$' -' 6 $,0 0#4%-' : *9 !%$' -' 6 0--+8!7%-'%' ,0 $1 10# *-'$05 '-')QJ'%-5! 2%$05 %$ %-2%+$0#' ,0 2 !!0.0 '+ *-50#$,0 .0-0#%!2 -$# ! 6 $,0 06 #405 ,*#2,' '-' $,0 -'$05 $%$0+' ,0 2%4 :*+ 6 6'6$8? 6 *# %2#0+ 2 -$%'-+ $0-;*'!5'-.+ 2%504 '2 %-5 2 !!0.'%$0 50:%#$40-$+ %#0 4%'-$%'-05 $*50-$+ %#0 %54 '$05 ;8 20#$'6'2%$0 6# 4 %:9 :# 705 ,'.,+2, !+ # ;8 0E%4'-%$' -' $,0 #0U*'#040-$+ 6 # 1,'2,'%#0 %;*$ 6'6$00-' *-'$+' 57%-205 50.#00+ %#0 %!+ .'70- ,0 6%2*!$8 2 -+'+$+ 6 +'E$00-' 404;0#+

7 H>LKO?>LPKF /, 0 40#'2%-'%*$, #'+2'0-$'+$'%-5 +$%$0+4%-' -6!*0-205 $,0 05*2%$' -%!' $,0 #8 %-5 :#%2$'20 6 ,'+ 2 *-$#8 %-5 ,'+ $'40 '-' 4%-8 1%8+ /$,# *.,','+ :#%2$'2%!' '4:# 7040-$+' -' $,0 %#$ 6 :#'-$'-.'%-5 ,'+ 05'$ #' %-5 %+ $,0 %*$, # 6 2 *-$!0++ :*;!'2 !0$$0#+ 0++%8+ %-5 :%4:,!0$+ %-5 6 ,'+ + " (> (%-5 ,'+ 0 2 !) $,# *.,','+ 6 *-5'-.'$,0 6'#+$ 40#'2%-'2'#2*!%$'-.'!';#%#8 H>LJ>F $,0 %2%59 048 $,%$ 5070! :05 '-$,0 -'70#+'$8 6 0--+8!7%-'%' 4<% %* H>LMJF %-5 $,0 40#'2%-' ,'! + :,'2%!' 2'0$8 4<% %* H>LOPF $,# *.,','+ 4%-'6 !5 %-5 4*!$'6 #4 2'7'2 +0#7'20+ $,# *.,','+ +2'0-$'6'2 5'+2 70#'0+ !'30 $,%$ 6 $,0 '50-$'$8 6 0!02$#'2'$8 %-5 !'.,$-'-.'%-5 ,'+ :#%2$'2%!' '-70-$' -+ +*2,' %+ $,0 +$ 70 $,%$;0%#+ ,'+ -%40 $,# *.,' ,'+ '-0+$'4%;!0 :%$#' $'2 %-5 5':! 4%$'2 +0#7'20+ %+ :+$4%+$0#? .0-0#%!' 404;0# 6 $!& -$'-0-$%!' -+$'9 $*$' -%!' %-5 4%-8 $,0# 2 -.#0++0+ %+ 49 4'++ -0# %-5 '-'+$0# '-' -.!%-5 %-5 #%-20 5*#'-.' %-5 %6$0# $,0 40#'2%-' 07 !*$' - ' %-5 #0:0%$05!8 %+:#0+'50-$H #. 70#- #6 $,0 $%$0 6 0--+8!7%-'%<' %-5 6'-%!!8 $,# *.,',' *4%-'$%#'%-' !0%50#+,':' '-' +*2,' #.%-'G%$' -+ %+ $,0 0--+8!7%-'%' 2'0$8 6 # $,0 ; !'$' - 6 !%70#8 $' '+ $,0#06 #0 +2%#20!8 +*#:#'+'-.' $,%$' - -0 ,%+ %+ 80$ *-50#$%30-' % 506'-'$'70 $#%2'-.' 6 #%-3!'-H 05*2%$' -%!' '-6!*0-20 $,# *.,' $,0 4%++0+ 6 2 -$04: #%#8 !'$0#%$*#0 # 070-'$,# *.,' $,0 □□□' '$04 6 ,'+ 4%-*9 +2#':$ $,%$ %#0 %7%'!%;!0 '-' %55'$' -' $ $,0 >)KO '$04 :#'-$05 '-' $,0 !%$0+$ 05'$' - 6 ,'+ #3+ H0E20!!0-$!8 05'$05 1'$,' %!'60 ;8 # 960++ # !;0#$ 0-#8 48$,< >K 7 !+ >PKQ? >PKLF ,0 05*2%$' -%!' -6!*0-20+ 6 $,0 + % 8 (% -5 6 $,0 0 2 ! %#0 , 1070# ;7' *+ ,0 :# 70#;+ -9 70-$05 %5%:$05 # U* $05 '-' $,0 $10-$8?6'70 %--*%!' 05'$' -+ 6 $,0 6 #40# H>LJN?>LQLF %-5 2 -50-+05 '-' ! '-' $,0 !%$$0# 80%#' 2'#2*!%$05 070#81,0#0 '-' $,0'# #'.9 '-%!' 6 #4 %-5 10#0 #0:#'-$05 -' ;# %5+'50+ %$,40 %-5 10#0 $#%-+!%$05 $,# *., *$ *# :0 %+ R $,0 4 +$ 6%4 *+ :'020 6 !'$0#%9 $*#0 $,0 ! -'0+ :# 5*205 S %-8 6 $,0'# $0%2,'-.+ 2 -20#-'-.' '-5*+$#8 6#*.%!'$8 %-5 #0+ !*$' - 0-6 #205 ;8 $,0'# ,*4 # %-5 :#09 +0#705 ;8 $,0'# 2 4:%2$' +0-$0-$' *+ 6 #4 %#0 +$'!! 2*##0-$ '-:,#%+0+ !'30 ? 5 ,0!:+ $,04 $,%$,0!:$,04+0!70+ S R -0+$8 '+ $,0 ;0+$:!'28 S %-5 R '!'.0-20 '+ $,0 4 $,0# 6. 5 !*23 S

#%-3!'-+'-2 4:!0$0 0 2 !H1#'$$0-' '-' >LL> >L)M >L))%-5' >L)PF ,%+ ;00-'2%!!05 $,04 +$ 1'50!8 #0%5 40#'2%-' ; 3 %-5 $,0 4 +$: :*!%# ; 3 6 '$+ 3'-5 '-' %-8 !%-.*%.0 #0 $,%-' -0 ,*-5#05 05'$' -+ $0+$'68 $ '$+ 0E$#% #5'-%#8 '-6!*0-20 $ 2 4:!0$0!8 04; 5'0+ $,0 '50%! 6 %-' '-5*+$#8 $,%$ 506'-05 !0'+*#0 %+ R $'40 6 # 5 '-.' + 40$,'-.:*+06*! S %6#*.%!'$8 $,%$ 1%+'-5'660#0-$ $ 6 5 %-5 6*#?

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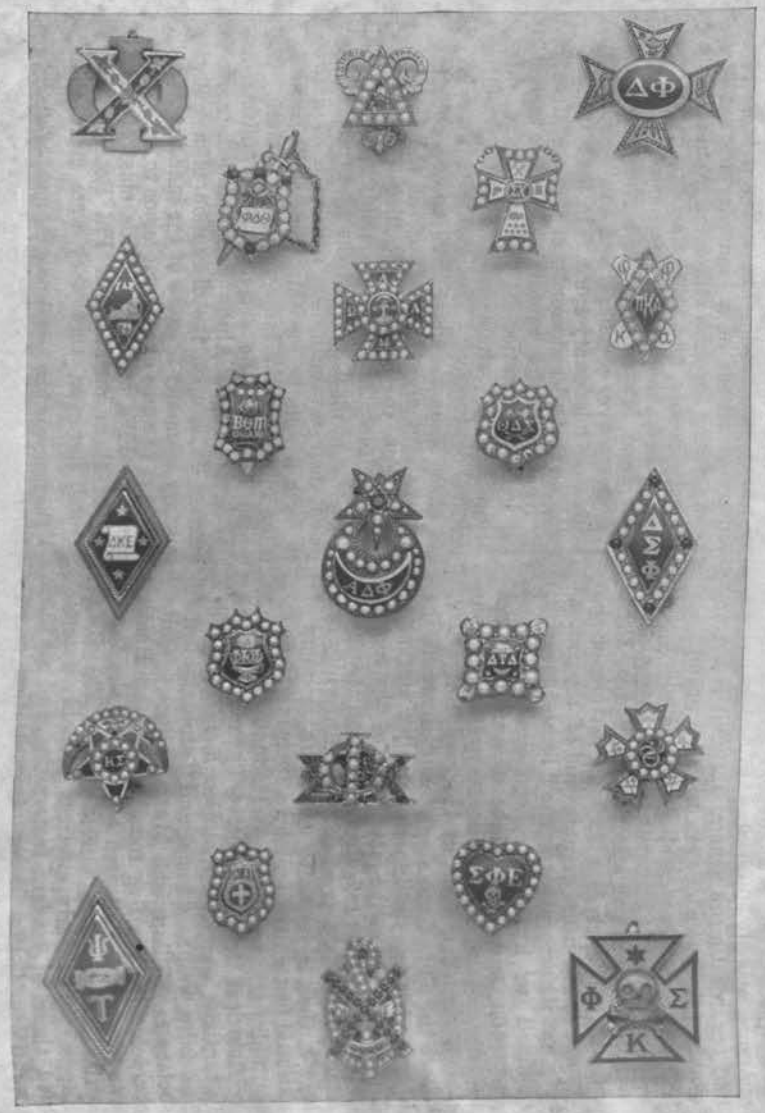

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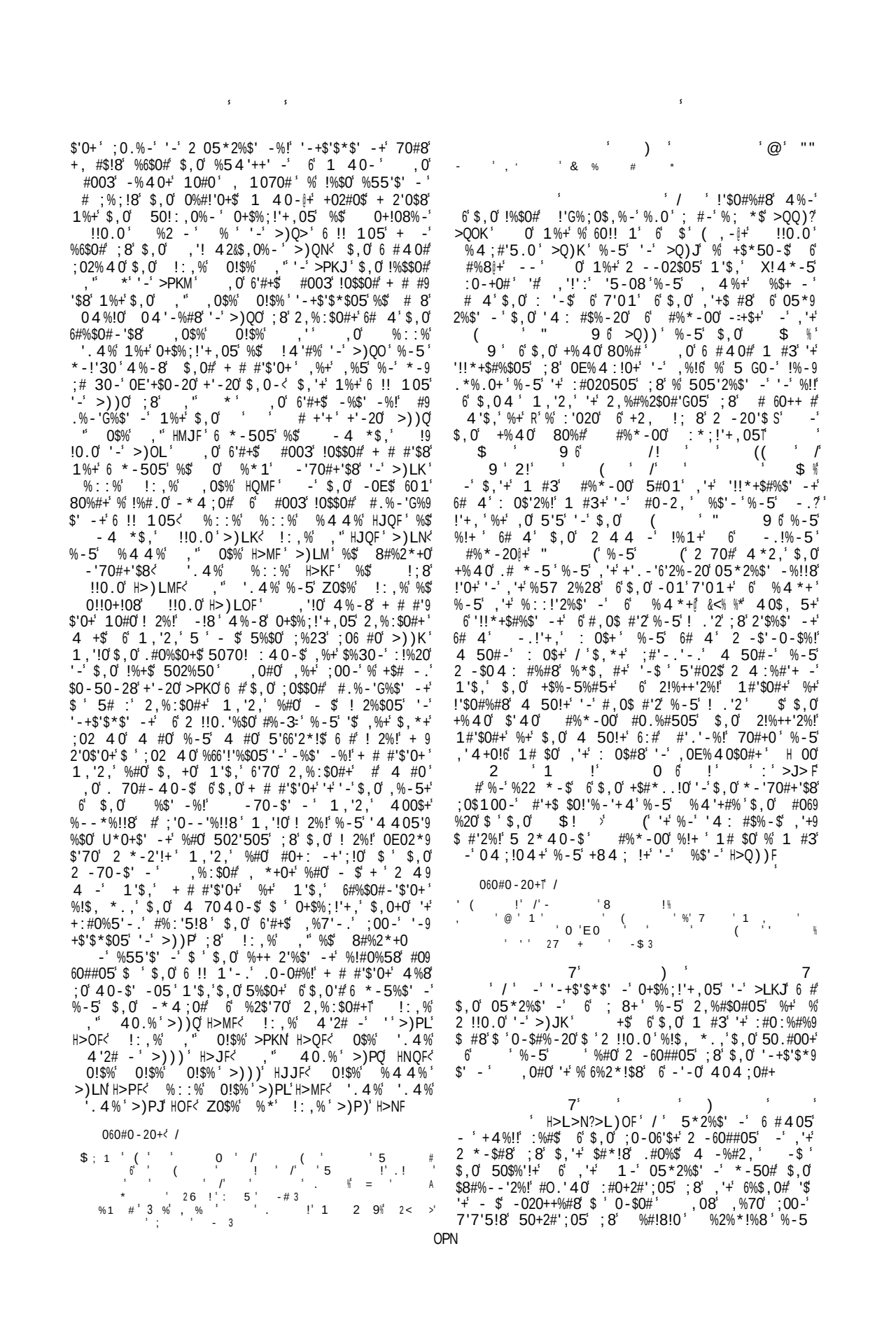

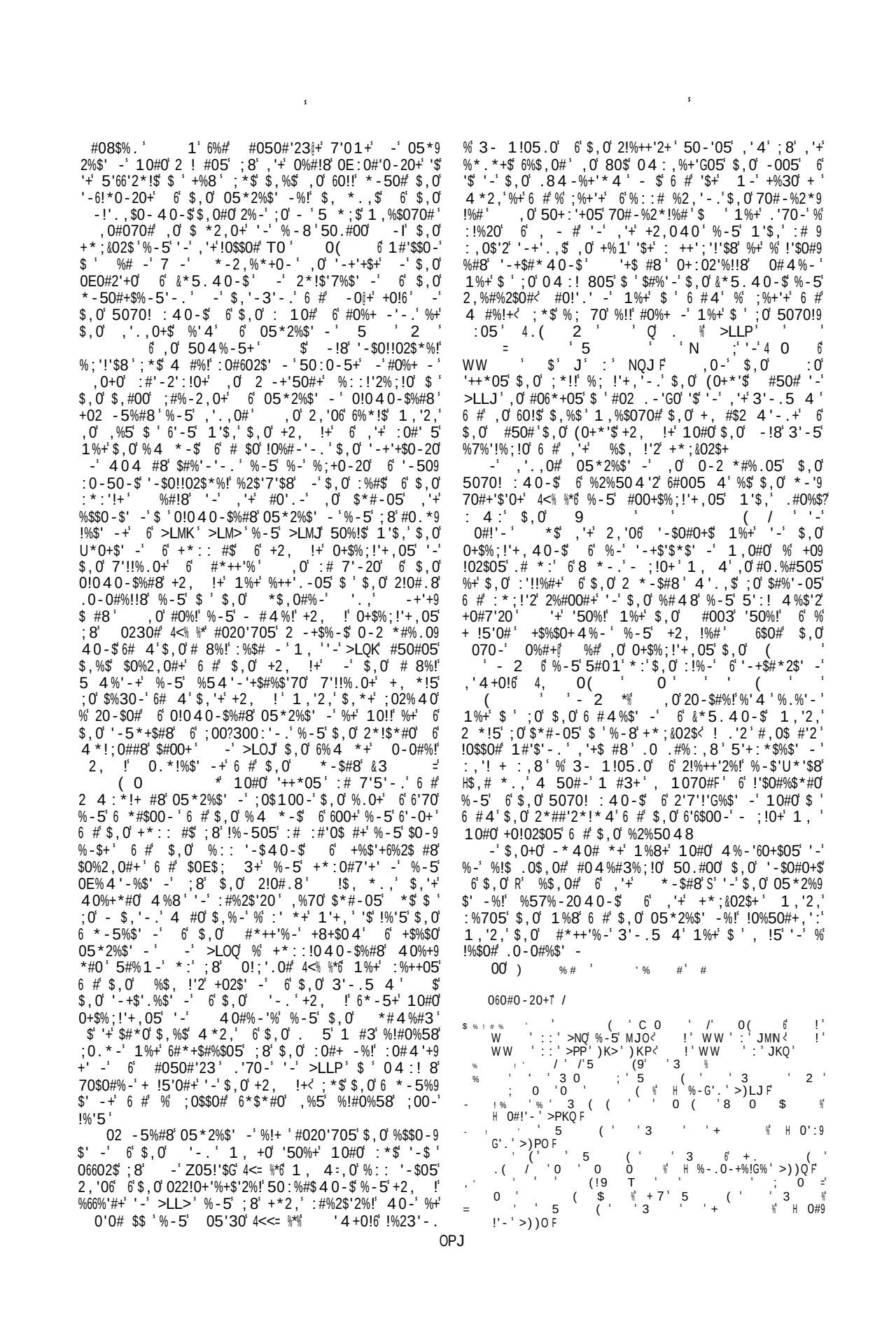

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.#0%$ 5'+$%*-20 S' ,'+' 2%+0' '+' % 2#*2'%!' -0' $'+, 1+' $,%$' $,0' :0 :!0' 6' >MMO' %-5' 6' >QMO' 0U*%!!8' $, *.,$' $,%$' % 6#00' +2, !' 40%-$' % +2, !' 6#00' 6# 4' $*'$' -' 600+' $,%$' $*'$' -' 600+' 10#0' - #4%!!8' :%'5' '-' .#%44%#' +2, !+'%-5' $,%$' %,%!6?6#00' +2, !' 1%+' -0' %$' 1,'2,' ,%!6' $,0'2*+$ 4%##8'#%$0' 6' $*'$' -' 600+' 1%+' :%'5' -' >MLN' (,-' %#5'-0# +%'5' ;8' ,'+' 1'!!' '-' %$'-' R' '1'+,' % .#%44%#' +2, !' $' ;0' 6#00!8' 4 2 *' 4%'-$%'-05' '-' $,0' $ 1-0' 6' %-2%+$0# S' 0' 1'+,05' '$' 4%50' 6#00' '+' 0E02*$ #+' ;8' %-' #5'-%-20' '-' -.!'+,' 6' %#' >' >QKK' !%'5' 5 1-' $,%$' $,0' 4%+$0# +, *!5' ;0' R' %:# 60++05' .#%44%#' -' 30:'-.' % #0' 2 !0' $02,'-.' %-5' '-6 #4'-.' $,0' 2,'!50# *-$' $,0' 4 +$' :# 6'$' - $,'-.'$%3'-.' $,0#06 # S

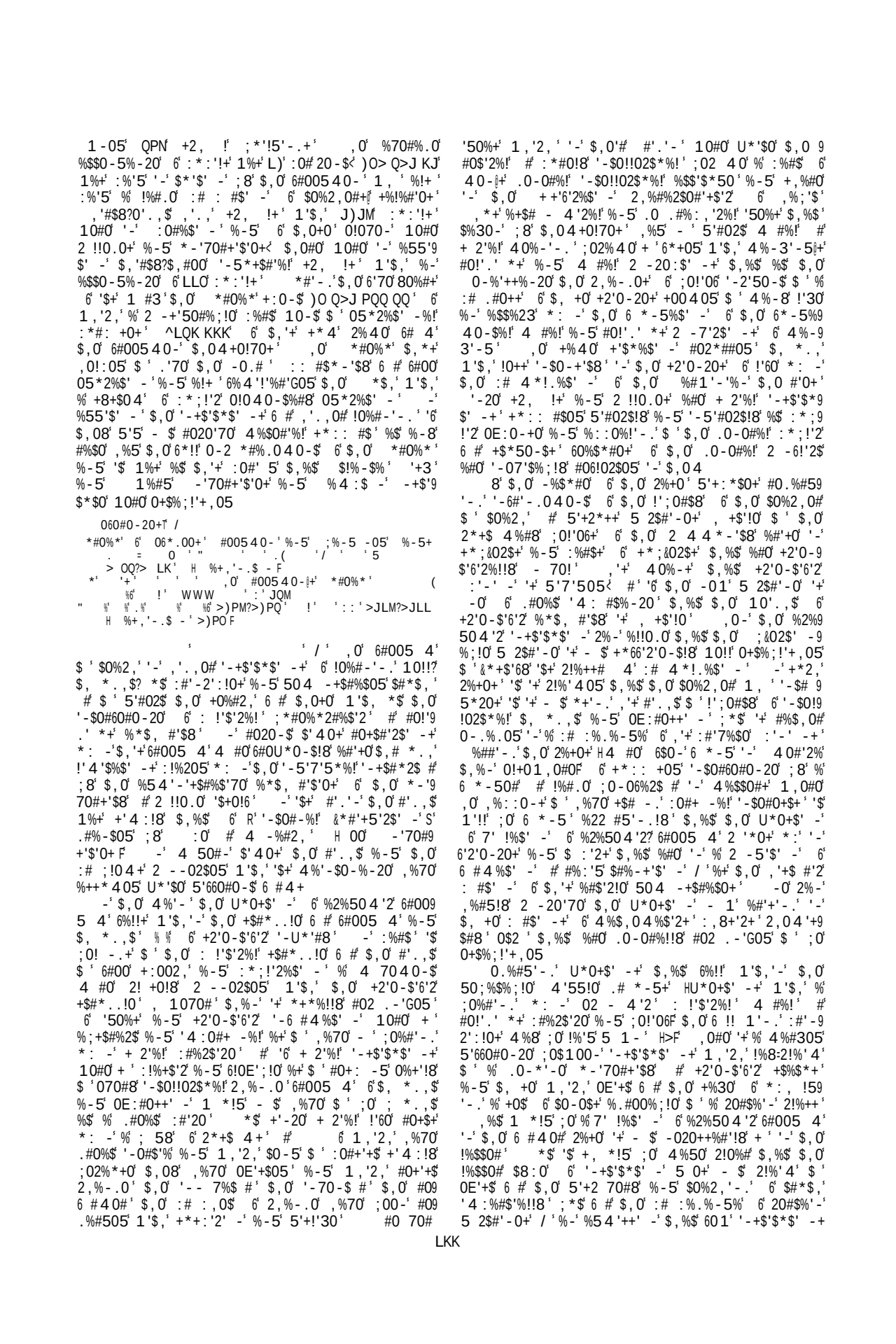
-' >M)J' %' :#'7%$0' %2$' 1%+' :%++05' %+' $' 0%+$0# !!0.0' -0%# #3' 1,'2,' #02'$05' $,%$' ;0#$' $'!!'-.$ -' '+, :' 6' %$,' %-5' 0!!+' ,%5' 6 *-505' '$' 6 # % :# 7 +$'%-5' $,#00' 60!! 1+' 1, ' 10#0' ?' J' 5870#+' 4%'+$0#+' %-5' -6 #? 4%$ *#+' ' ' ' -' 6' $,084' $' $02,0' .#%440# %- $,0#' $' $02,0' 4*+83' %-5' + -.' %-5' $,0' $,'#5' $' $02,0' $' 1#'$0' %-5' %!!' +*2,0' $,'-.' %+' ;0! -.05' $' +2#'70-0# 2#%6$' ' ' ' +070#%!!8' :0-!8' %-5' 6#00!8' 1'$, *$' 0E%22' -' 6' 4 -08' # $,0#' $,8-.+' 6' %-8' 6' $,0'# +*2,0' +2, !0#+' %-5' 5'+2':!0+' S' -' !'30' 4%--0#' ;8' 5005' '-' %$'-' 0;' >' >M)N?>M)J' , 4%+' $,0#,%4' #2,';'+, :' 6' #3'6 *-505' (0+*+' !!0.0' %$' $,0#,%4' 6 # % :# 7 +$'%-5' $,#00' 60!! 1+' R' $,0' 6'#+$' % 5 2$ #' 6' .#%44%#' $,0' +02 -5' !0%#-05' '-' + -.' %-5' $,0' $,'#5' 6 #' $, +0' 1, ' 5'5'-$' 1'+,' $' %$$%'-' $,0' 5'.-'$8' 6' $,0' :#'0+$9 , 5'!0%#-05' '-' $,0' %#$' 6' 1#'$'-.' %-5' %22 *-$+' $' $0%2,'$, +0'2 4'-.' $' *#2 !!0.0''-.#%44%#' + -.' %-5' 1#'$'-.' 1'$, *$' 0E%2$' -' 6' 4 -08' # $,0#' $,'-. S' ,0' ,%-$#8' 44'++' -0#+' 6' 0-8' '#0: #$05' $,04' %+' R' $,#00' +2, !0?4%+$0#+' $' $02,0' %!' 2,8!5#0-' 6#0!8 S' %-5' +:0%3' 6' R $,0' $,#00' 6#0' +2 !0+S' %-5' $,0' 44'+9 +' -0#+' 6' 51%#5' ' %!+' 40-$' -' $,04' %+' R' $,#00' +2, !04%+$0#+' 6' 6#00' +2, !0+ S' ,08' 10#0' 20#$%'-!8' - $'6#00' 6' 022!0+'%+$'2%!' 2 -$# !' $,0' :# 7 +$' 1%+' ; *-5' $' ;0' % :#'0+$'%-5' $,0' %#2,;'+, :' 1%+' 7'+'$ #%-5' %: '-$05' ,'4

-' (%-' NQ' >QKN?>QKJ' '# (,-' 0#287%!0' 0#2,%-$ %8! #' %-5' 0E? #5' %8 #' ;8' 1'!!' 6 *-505' % 2,%-$#8''-' %22!0+6'0!5'%-5' 5'#02$05' $,%$' $,0' R' :#00+$' +,%!!' %!1%8+' 30:0' % #0' #%40# 2 !0' $02,8-.' $,0#0' .0-$'!40-+' + --0+' %-5' $,0#' . 5' 40--0+' 2,'!5#0-' 6' $,0' $ 1-0' %-5' 20-$#0' $,0#0%; *$+ S' 0#0' '+' $,0' 6*!!' :,#%+0' 6 #$8?6'70' 80%#+' ;06 #0' 51%#5' ' %-5' %+' $,0' 4%+$0# 1%+' %!+' % 2,%-$#8' :#'0+$' ,0' 1%+' 20#$%'-!8' - $'0E04:$' 6# 4' 022!0+'%+$'2%!' %*$, #'$8

-' *.' NK' >Q>Q' *.,' !5,%4' '+, :' 6' E0$0#' 0E? !0#3' 6' $,0' %-%:0#'-' ,%-20#8' .%70'0-5 140-$+' ;8' % 5005' '-' %$'-' $' :# 9 7'50' %$' %-2,0+$0#' R' % 6'$' :0#+ -' %;!0' $' ;0' % +2, !4%+$0#' $' 6#00!8' 4 2 *' $0%2,' %-5' '-9 +$#*2$' ; 8+' %-5' '-6%-$+' '-' .#%44%#' %22 #5'-.' $' $,0' *+0' %-5' 6 #4' 6' .#%44%#+ - 1'$%*.,$'-' $,0' $ 1-' 6' %-;*#8' ' ' ' 1'$, *$' %-8$,'-.

$%3'-.' $,0#06 #0' 0E20:$' ,'+' +%!%#8' %; 70' !'49 '$05' S' /' ;%6 a>K' % 80%#' -' 7' L' 6 !9 ! 1'-.' $1' 6' $,0' $#*+$00+' %23- 1!05.05' $,0' #020':$' 6' aQK' 6# 4' !5,%4' R' $ 1%#5+' $,0' 6 *-58-.' 6' % 6#00' +2 !!0' ' $' ;0.'-' -' -5%8' -0E$' %6$0#' $,0' :',%-8' ' ' ' 2 4?48-.S'),0#0' 10' 6'-5' $,0' 6 *-50#' ,'49 +0!6' $#%-+!%$'-.' 2 ' 0 ' '-$' R' % 6#00' +2, !' S' < 1,'!0' '-' %-$,0# %$'-' 5005' 6' >QNJ' #5' 50' !% %## #02'$05' $,%$' ,0' ,%5' .#%-$05' $,0' 4'!!+' 1,'2,' 6 #405' $,0' 2,'06':%#$' 6' $,0' 0-5 140-$' -!8' ;02%*+0' '$' 1%+' 6 #' % 6#00' +2, !' '0 0 ',2 ' (6' 6' %-2,0+$0#' ,'+' +2, !' 1%+' ;8' - ' 40%-+' 6#00' 6# 4' 022!0+'%+$'2%!' 2 -$# !' ;0'-.' *-50#' $,0' 2 !!0.'%$0' 2,*#2,' 6' %-2,0+$0#' %-5' $,0#' 2,*#2,' 5'.-'$%#'0+ $' 8#3,%4+$05' $,0' '-,%;'$%-$+' '-' 2 -20#$' 1'$,' #' -20-$'%' 0!! 1' 6' !!' *!+' H= !!0.0' E6 #5'%-5' 0%-' 6' $' %*!:+' '-' >QNJ?>QNM' %++'.-05' $,0' !%-5+' 6' $,0' # $,0#, 5' 6' $' (,-' $,0' %:$'+$' 1,'!0' $,0' 50%-' !'30' ,'+' :#059 020++ #' !0$' .%70' $,0' 1, !0' 6',' +' :%$0#-%!' '-,0#'$%-20' '-2!*5'-.' % 4%-+' -' , *+0' 2%!!05' R' -20-$+' S' '-' $,0' $ 1-' 6 #' $,0' +*:: #$' 6' % +2, !' 0%#'-.' $,0' 5'++ !*$' -' 6' ;# $,0#9 , 5+' -20-$' ;$%'-05' !0$$0#+' :%$0-$' 6' 2$' >M' >QM>' .#%-$'-.' ,'4' !'20-+0' $' 6 *-5' R' -0' 2,%*-$#8' ' ' ' %-5' %!+' -0' #00' 2 !0' 1'$,'-' $,0' $ 1-0' ' 6' -0' 40$0' 4%-' ;0'-.' % +2, !04%+$0#' %-5' -0' $,0#' 40$0' 4%-' ;0'-.' %-' *++,0#' 6' #' $,0' $02,'-.' 6' 2,'!5#0-' '-' .#%440# 6#0!8' 1'$, *$0'%-8'0E%22' -' #'#0U*0+$' 6' 4 -08' 6 #' $,0' $02,'-.' 6' $,0' +%40' 2,'!5#0-' -' $'0E2005 9'-.' $,0' - 4;#0' 6' >MM S' %-5' $' %2U*'#0' !%-5+' *:' $' aMK' % 80%#' 7%!*0' 6 #' '$+' +*::#$' 0' 2 #9 : #%$0' -%40' 1%+' R' ,0' %+$0#' ,%:!08-' #' ,%:!08-+' %-5' ++,0#' 6' $,0' #0' 2 !0' %-5' ,%*-$#8' 6' 0%-' -20-$+' '-' 0#3,%4+$005 S' '6%#' 6# 4' $,0' R' #0' 2 !0' S' 40%-'-.' 6#00 5 4' 6# 4' 022!0+'%+$'2%!' 2 -$# !' 1,'!0' $,0' '-.' 1%+' $' %:: '-$' $,0' 4%+$0#' $,0' 0%-' 6' $' %*!:+' 1%+' $' R' -%40' $,0' *++,0#' %-5' 2,%:!08-+' S' ,0' ,%-$#8' 44'++' -0#+' 6' 51%#5' ' #0: #$05' '$' R' % #0' 2 !0' S' ;*$' $,0' 6 *-5%$' -' 1%+' 502!%#05' 7' '5' ' :#'7%$0' %2$' 6' %#!'%9 40-$' :%++05' '-' >QMP' #0+$ #05' $,0' 0-5 140-$' 0E20:$'-.'+ 40':%#$+' + !5'$' ':%8'2 +$+'%-5'#0'-9 2 #:#%$05' '$' %+' R' ,0' %+$0#' %-5' +,0#' 6' $,0' #00' 2, !' 6' '-.' 51%#5' $,0' 'E$,'-' $#3?,%4+$0%5 S' ,0' %2$' 0E:!%'-05' 1,%$' '$' 40%-$' ;8' R' 6#00' S' ;8' #0:0%$'-.' %!4 +$' 70#;%$'4' $,0' 1 #5+' 6' -20-$+' 2,%#$0#' R' 6 #' $,0' $0%2,'-.' 6' $,0' +%'5' 2,'!5#0-' $' $,0' -*4;0#' %6 #0+%'5' H>MMF' 6#00!8' 1'$, *$' $%3'-.' %-8' +$':0-5' 6 #' $,0' $0%2,'-.' 6' $,0' +%40' 0'$,0#' 6' $,04' #' 6' %-8' 6' $,0'#:%#0-$+' #6#'0-5+ S' ,0#0' 2%-' ,%#5!8' ;0' % 2%+0' 1,'2,' +,1+' 4 #0' 04:,%$'2%!!8' ; $,' $,%$' $,0' + ?2%!!05' 51%#5' ' 6#00' .#%44%#' +2, !+' 10#0' -!8' ,'+' -' +' 6%#' %+' ,'IX -%40' 1%+' +*;+$'$*$05' 6 #$,%$' 6' $,0' #'.'-%!' 6 *-50#' %-5' $,%$' $,08' 1 #0' 6#00' '-' $,0' +' 4:!0' +0-+0' 6' 6#00' 6# 4' $*'$' -' 600+

0' 4%8' %55' $' '$' $,%$' 6' $ *#;#'5.0' 1,0#0' % +$':0-5'%#8' :#'0+$' R' +$ 5' 2,%#.05' $' $02,0' $,0' : #0' 40-+' 2,'!5#0-' 6' $,0' :%#'+,0' 6#0!8 S



LKK

%$' :#0+0-$'%#0' 1'!!'-.'$ ' 4%30'%; *$'$,04+0!70+' HNF ,0' #0!%$'70' 4%$*#'$8' 6' $,0' +$*50-$+' '+%: '-$' 6' ;7' *+' 4 40-$' 0#$%'-' 5'+2*++' -+' $,%$' 1 *!5' ;0' :0#602$!8' :# :0#' $,%$' '-5005' %#0' 05*2%$' -%!!8' '-5'+:0-+%;!0' 1'$,' +$*50-$+' 6' %' 20#$%'-' 50.#00' 6' :# .#0+' 4'. ,$;0' *-%5? 7'+%;!0' 1'$,' 8 *-.0#' :*:'!+' ,0' %$$04:$' $ ' 4%30' %' 6'E05' !'-0' 6' 504%#2%$' -' ;0$100-' 2 !!0.0+' $,%$' %#0' +'4:!8' $0%2,'-.' '-+$'$*$' -+' %-5' $, +0' $,%$' 4%30' %: '-$' 6' #0+0%#2,'+' - $' , 1070#' &*+$'6'05' ,0' #0+*!$+' %-5' +:'#'$' 6' #0+0%#2,' %#0' +*2,' % .0-0#%!' :%#$' 6' $,0' '-$0!9 !02$*%!' !'60' 6' $,0' :#0+0-$' 5%8' $,%$' %-' '-+$'$*9 $' -' 1,'2,' 4%50' +*2,' % 5'+$'-2$' -' % 2#'$0#' -' 6' 1,%$' 1%+' %!! 1%;!0' %-5' *-%!! 1%;!0' '-' $,0' 2!%++# 4' 1 *!5' 2 -60++' $ ' % 5 .4%$'2' %-5' *-+2'0-$'6'2' $#0-5' HJF ,0#0' '+' %-' ;7' *+' 5'660#0-20' ;0$100-' $0%2,'-.' %+' 6'-%!' 1,%$' '+' +$'!!' *-50#' 5'+2*++' -' %4 -.' +2'0-$'6'2' 40-' $,04+0!70+' %-5' :#0+0-$'-.' $,0' +%40' 4%$$0#' 4 :%#$'%!!8' $ ' +$*50-$+' $, *.,'1'$,' % 506'-'$0' '-5'2%$' -' 6' 1,%$' $,0' '-+$#*2$ #@+' 1-' 7'01+' %#0' -' '-+$'$*$' -' $,%$' 070-' '-5'#02$!8' 5'+9 2 *#%.0+'$,0' !%$$0#' 2 *#+0' -' 5'+:*$05'02 - 4'2' %-5' + 2' ! .'2%!' : '-$+' 7'#$*%!!8' +*##0-50#+' '$+' 2!%'4'$ ' ;0' 2 -5*2$05' '-' $,0' +:'#'$' 6' % *-'70#9 +'$8' 1, +0' 4%#3' '+' ! 70' 6' $#*$,' 70-' $,0' 0E:#0++' -' 6' '-5'7'5*%!' :'-' -' -' 4%$$0#+' ;08 -5' $,0' : ++';'!'$8' 6' '4405'%$0' +2'0-$'6'2' +0$$!040-$' '+' ;0$$0#' $,%-' %-' %$4 +:,0#0' 1,'2,' #0+$#'2$+' :#0+0-$%$' -' $ ' $,0' 2 -70-$' -%!!8' +0$$!05' %+:02$+' 6' % +*;&02$' +' % 4%$$0#' 6' 6%2$' 1,0#0' 6#00' 5'+2*++' -' '+' :0#4'$$05' $,0' +$*50-$' '+' :#0$$8' +*#0' $ ' 2 40' '-$ ' 2 -$%2$ 1'$,' 7%#8'-.' 7'01+' *: -' % $:'2' + ' $,%$' $,0' 5%-.0#' 6' ;0'-.'4'+!05' ;8' % -0?+'505' :#0+0-$%9 $' -' 6' % 4%$$0#' '+' 4*2,' !0++' $,%-' '$' +004+' ,'+' 4*$*%!' 66+0$$'-.' %-5' +*::!040-$'-.' 6' 0## -0 *+' '50%+' ;8' -0' %- $,0#' ,%+' ;00-' :# 705' '-' :!'$'2%!' 0E:0#'0-20' $ ';0' %-' %50U*%$0' .# *-5' 6 #' :0#4'$$'-.'6#00' +:002,'%-5' :*;!'2%$' -' %-5' $,0' +%40' #0%+ -' %::!'0+' $ 05*2%$' -' 1'$,' !'$$!0' U*%!'6'2%$' -' *2,' 6' $,0' : :*!%# 4'+9 %::#0,0-+' -' %+' $ ' $,0' R' 5%-.0#' S' 6' 6#00' 5'+9 2*++' -' 6' +*2,' $:'2+' %+' +%8' + 2'%!'+4' '-' 2 !!0.0' 2!%++# 4+' %#'+0+' 6# 4'6%'!*#0' $ ' #0%!'G0' $,0' 0E$0-$' $ ' 1,'2,' %-' %$4 +:,0#0' 6' 6#00' 5'+9 2*++' -' 2%##'0+' 1'$,' '$' '$+' 1-' :# 02' -' %.%'-+$' *-;%!%-205' :# :%.%-5'+4' HMF' E9 :0#'0-20' +, 1+' $,%$' '-' $,0' :#0+0-$' +$%$0' 6' $,'-.+' $,0' 40-%20' $ ' %2%504'2' 6#005 4' '+' '-9 5'#02$' #%$,0#' $,%-' 5'#02$' ,%$' '+' $ ' +%8' $,0#0' '+' !'$!0' !'30!', 5' $,%$' %-8' $#%'-05' '-509 :0-50-$'$,'-30#' 1'!!' ,%70' ,'+' '50%+' +*::#0++05' *$' 40#'2%-' 2 !!0.0+' ,%70' *-50#. -0' % 70#8' #%:'5' 0E:%-+' -' 504%-5'-.'.#0%$' -2#0%+0' -' 4%$0#'%!' #0+ *#20+' $,0' :# :0# 0U*':40-$' 6' !';#%#8' !%; #%$ #'0+' 4*+0*4+' 0$2 ' ;0'-.' 70#8' 0E:0-+'70' ,'+' ,%+' !05' ; $,' $ ' %-' %..#%-9 5'G040-$' 6' %54'-'+$#%$'70' %*$, #'$8' %-5' $ ' % 5'#02$' 50:0-50-20' *: -' $,0' 10%!$,8' 40-' 6# 4' 1, 4=$,0' -020++%#8' 0-5 140-$' 4*+$' ;0' ;9 $%'-05' '-20' $0%2,0#+' %#0' *+*%!!8' %-'4%$05' ;8' % +$# -.' :# 60++' -%!' ! 8%!$8' %-5' ' 0' :(6' $,0' +'$*%$' -' ,%+' % $0-50-28' $ ' 4%30 $,04' %7 '5' $0%2,'-.' # 0E:#0++'-.'7'01+' 1,'2,' 4'.,$ %!'0-%$0' $,0' 2!%++' 6' :0#+ -+' *: -' 1, 4' $,0' 5070! :40-$' 6' $,0' '-+$'$*$' -' 4 +$' ;9 7' *+!8' 50:0-5+' -' '-+02*#0' $0-*#0' 6' 66'20' %-5' *-20#$%'-' 02 - 4'2' +$%$*+' :0#%$0' '-' $,0' +%40' 5'#02$' -' ,0' 2,'0' +%60.*%#5+' %.%'-+$ $,0+0' 5%-.0#+' %#0' $,0' '-2#0%+0' 6' $,0' +2'0-$'6'2' +:'#'$' 6' '4:%#$'%!' '-U*'#8' %-5' $,0' .# 1'-.' + !'5%#'$8' 6' $0%2,0#+' %-5' $,'-30#+' '-' 5'660#0-$ '-+$'$*$' -+' 6%#' %+' $,0' 2 -+0-+*+' 6' +2'0-9 $'6'2' 0U*%!+' '+' +*;+$'$*$05'6 #' $,0' '##0+: -+';!0' %2$' -' 6' %54'-'+$#%$'70' +*:0#' #+' %+' $,0' 6'-%!' 2 *#$' 6' %::0%!' $,0#0' '+' !'$$!0' 5%-.0#' 6' 0'$,0# 0E:! '$%$' -' 6' :0#+ -%!' :'-' -+' #' 6' '-6#'-.09 40-$'*: -' $,%$' '-$0!!02$*%!' !';0#$8' 1,'2,' '+' $,0' 0++0-20' 6' *-'70#+'$8' !'60' (0#4%-8' /' -' $,0' +0-+0' $,%$' $,0' !'4'$%9 $' -+' *-50#' $,0' *-'6 #4' 2 -$# !' 6' +2, !%+$'2'+4' %-5' %$, !'2'+4' 10#0' + ' +$# -.' $,%$' %$$04:$+' $ ' . ';08 -5' $,04' 10#0' #%#0' $,0' 0#4%-' -'70#9 +'$'0+' 6' $,0' '55!0' .0+' 0-& 805' 2 -+'50#%;!0' / / % +'50' 6# 4' $,0+0' .0-0#%!' 022!0+'9 %+$'2%!' %-5' +2, !%+$'2' !'4'$%$' -+' $,0#0' 1%+' - ' :#0+2#':$' -' %+' $ ' 1,%$' +, *!5' ;0' $%*.,$' $,0' 4%E'4' ;0'-.'<0 <0 ' 0 0' 2 0 % ,0' 06 #4%$' -' , 1070#' ;# *.,$' 1'$,' '$' %.#0%$' 2,%-.0' '-' $,0' %$$'$*50' $ 1%#5' 05*2%$' -' %-5' :%#$'2*!%#!8' $ ' $,0' *-'70#+'$'0+' $,' - 1'2%40' $ ' ;0' #0.%#505' %+' '-+$#*40-$+' 6' 2 -$# !' $' $,0' *-'70#+'$'0+' 10#0' 05*2%$05' $,0' 6*$*#0' 2!0#.8' %-5' +$%$0' 66'2'%!+' ,0-20' 20#9 $%'-' #0!'.' *+' $0-0$+' 4*+$' ;0' #'. # *+!8' $%*.,$' %-5' ;+0#705' $,0#0' ,0' %'4' 6' 0%2,' :0$$8' #*!0# - 1';02%40' $ ' +02*#0' $,0' 2 -$# !' 6' %*-'70#+'$8' '-',+' +$%$0' 0-20' $,0' 6 *-5%$' -' # #0 #.%-'G%$' -' 6' -*40#' *+' *-'70#+'$'0+' '-' 0#4%-8' 5*#'-.' $,'+' :0#' 5' $' -!8' 10#0' -01' %##'7%!+' %-5' 2%-5'5%$0+' 6 #' %2%504'2' 66'20+' U*0+$' -05' -' 5 2$#'-%!' 4%$$0#+' ;*$ #0+$#'2$' -+' 10#0' '4:+05' -' $,0' %$$0-5%-20' 6' $,0' 404;0#+' 6' %+$%$0' %$' *-'70#+'$'0+' *$9 +'50' $,%$' +$%$0' $' -!8' 10#0' $,0' +*;&02$+' 1,'2,' +, *!5' ;0' $%*.,$' :#0+2#';05' ;*$' $,0'# 0E$0-$' %-5' -%$*#0' 1%+' !'4'$05' ,*+' %$' '$9 $0-;0#.' $,0#0' 1%+' % :# 7'+' -' 6 #' $,0' $0%2,'-.' -!8' 6' $,0' *.+;*#.' 2 -60++' -' *-50#' :0-%!$8' 6 #' ;#0%2, $' %#;*#.' $,0' 6 !! 1'-.' :# 9 7'+' -' 1%+' '-2!*505' '-' $,0' ,%#$0#' R' , + $0%2,0+' 2 -$#%#8' $' $,0' 1 #5' 6' 5' !0$' ,'4' ;0' %22*#+05 S' ,*#2,'%$$0-5%-20' 1%+' '-+'+$05' *:' -' %$' 4 +$' *-'70#+'$'0+'%-5' %$' -'.+;0#.' %$$0-5%-20' %$' !0%+$' %$' -0' $,0 ! .'2%!' !02$*#0' 1%+' :#0+2#';05' 6 #' %!!' 404;0#+' 0!%-2,'? $, -+' %2$'7'$8' '-' $,0' 6 *-5'-.' #02 -+$'$*$' -' 6' $,0' *-'70#+'$'0+' 1%+' 4%#305';8' $,0' *-'6 #4' #0.*!%$' -+' 6 *-5' '-' + ' 4%-8' *-'70#+'$'0+' '-' 0#4%-8' %$' $,%$' $'40' R' 2'0-20' S' H'-2!*5'-.' *-50#' $,%$' $0#4' $,0 ! .8'&*#'+:#*50-20' 405'9 2'-0' !%-.*%.0' %-5' $,0' !';0#%!' %#$+F' 1%+' $ ' ;0' R' $%*.,$' %22 #5'-.' $ ' $,0' 1 #5' 6' 5 S' 0- 4'-%$' -%!' *-'70#+'$'0+' %# +0' %+' ;*!1%#3+' %.%'-+$',0#0+8' # 60++ #+' 10#0' %::'-$05' %-5' :%'5' ;8' $,0' +$%$0+' $,0' 0E%4'-%$' -'%-5'.#%5*9 %$' -' 6' +$*50-$+' 10#0' *-50#' $,0' +*:0#7'+' -' 6' $,0' .70#-40-$+' -5 *;$05!8' $,0' 06 #4%?

$' -' 2,02305' $,0' +:#0%5' 6' $,0' *4%-'+$'2' $0-50-2'0+' %-5' '-' 05*2%$' -' %$' %-8' #%$0' '-9 $# 5*205' % #0%2$' -' 1,'2,' 1%+' - $' ;# 30-' 5 1-' 6 #' $1 ' 20-$*#'0+' $' $,0' 0-5' 6' $,0' +070-$00-$,'20-$*#8' : : +'$' -'$ ' $,0'+2, !%+$'2' %-5' #0!'.' *+' #0+$#'2$' -+' %$' $,0' *-'70#+'$'0+' ;0.%-'$ ' 4%30' '$+0!6 60!$' ,#'+$'%-' , 4%+'*+' 4<% %* 1%+' 2 4 :0!!05'$ ' !0%70' 0':G'.' ;02%*+0' ,0' %$$%2305' $,0' :#'-2':!0+' 6' $,0' *#$' %-5' '-9 +'+$05' -'*+'-.' 0#4%-' '-' ,'+' !02$*#0' :0-0# &<% %* 1%+' 5#'70-' 6# 4' 0':G'.'%-5' '$$0-;0#.' 6 #,'+' '0$'+$'2' $0-50-2'0+' #%-230' 4<% %* '-' $,0' +%40' 1%8' '-2*##05' $,0' : : +'$' -' 6' $,0' 66'2'%!' $,0 ! .'%-+' ,0+0' %-5' $,0#+' 6 *-5' +%60$8' *-50#' $,0' :# 02' -' 6' $,0' *#$' 6' #%-50-;*#.' 1,'2,' - 1' + *.,$' $ ' 0+$%;!'+,' '$+' '4: #$%-20' $,# *.,' %' +$%$0' *-'70#+'$8' 6 *-505' -'!';0#%!' :#'-2':!0+' ,'+' !05' $ ' $,0' 6 *-5%$' -' 6' $,0' -'70#+'$8' 6' %!!0' '-' >OPM' $ ' ;0' :0-' $ ' 404;0#+' 6' %!!' 50- 4'-%$' -+' 0#0' , 4%+'*+' !02$*#05' '-' 0#4%-' #%-230' +:#0%5' $,0' :#'-2':!0+' 6' '0$'+4' %-5' ,#'+$'%-' !6' 4<% %* ;# 30'5 1-'$,0'+2, !%+$'2':,'! + :,8' ;8',' +:# - *-205' #%$' -%!'+4' 1,'2,'6 *-5' 0E9 :#0++' -' '-',' +' 0 / ' 3 9 % #%5*9 %!!8' $,0' +2'0-20+' 10#0' +02*!%#'G05' -%$*#%!' !%1' 1%+' 4%50' $,0' ;%+'+' 6' &*#'+:#*50-20' $,0' +*;9 &02$'7'$8' 6' ;0!'06' 1%+' '-+'+$05' *: -' -' >LJM' $,0' -'70#+'$8' 6' $$'-.0-' 1%+' 6 *-505' 0-9 $'#0!8' -' $,0' :#'-2':!0+' 6' %2%504'2' 6#005 4' 0-*'-0' +2'0-$'6'2' #0+0%#2,' 1%+' :0#4 '$$05' %-5' 0-2 *#%.05' %-5' 070#8' 6%2*!$8' 0-& 805' %+'4'!%# 6#005 4' $' 1%+' %' +'.-' 6' $,0' $'40+' $,%$' -!8' $,'#$8' 80%#+' %6$0#' $,0' 0E:*!+' -' 6' , 4%9 +'*+' $,0' -'70#+'$8' 6' 0':G'.' :0#4'$$05' $$+2,05' $ ' !02$*#0' -' !6'%-' :,'! + :,8' %-5' 0#4%-' : 0$#8' '-20' $,%$' :0#' 5' $,0' 0#4%-' *-'70#+'$'0+' ,%70' 0-& 805' $,0' 6#005 4' 1,'2,' 1%+' $,0-' 1 -' 1'$, *$' 5'+$*#;%-20' ,0' +$#0-.$,' 6' $,0' *-'70#+'$'0+' 1%+' 2 -+'50#9 %;!8' '-2#0%+05' %$' $,0' ;0.'--'-.' 6' $,0' !%+$ 20-$*#8';8'$,0'#'+0' 6'$,0' 80 % (% (/ '4<% %* ,0' 6 *-5%$' -' 6' $,0' -'70#+'$8' 6' 0#!'-'%-5' $,0' %:: '-$40-$' 6' '!,0!4'7 -' *4; !5$' 4<% %* 10#0' %-' 04; 5'40-$' 6' $,0' $#%5'$' -+' 1,'2,',%5' ;00-' 0+$%;!'+,05' ,0' 0/9 0 ' ,%5' '$+' 4 +$' -*40# *+' %5,0#0-$+' '-' $,0' *-'9 70#+'$'0+' ,0-' $,0' 07 !*$' -' 6' >)M)' $ 3' :!%20' $,0' '-.' 6' #*++'%' #05$#'23' '!!'%4' ' %-5' ,'+' +*:: #$0#+' %$$#';*$05' '$' $ ' $,0' 0E%..0#%$05' 1 #+,':' 6' $,0' 2*!$'7%$' -' 6' $,0' 4'-5' '-+$0%5' 6' $,0' ,0%#$ 5*0' $ ' $,0' 0/9 0 % ,0'# %$$'$*50' 1%+' 10!!' '!!*+9 $#%$05' ;8' $,0' %$$%23+' %-5' #0+$#'2$' -+' :!%205' -' $,0' .84-%+'*4+' %-5' -#4%!' +2, !+' *$ $,0' *-'70#+'$'0+' 10#0' - 1' $ ' +$# -.' %-5' #09 4%'-05' '44*-0' %.%'-+$' %-8' . 70#-40-$%!' '-$0#60#0-20' $' -!8',%70' $,0' *-'70#+'$'0+' .# 1-'-'%2%504'2' 6#005 4';*$: !'$'2%!!8' $,08' %#0' $,0' 4 +$' 504 2#%$'2' ; 5'0+' '-' 0#4%-8' 070#%!' %$$04:$+' %!!' 6' $,04' '-066O2$*%!' ,%70' ;00-' 4%50' $ ' !'4'$ $,'+' 6#005 4' %-5' 1,0-' $,0' #*++'%-' 4'-'+$#8' 502'505' '-' % #020-$' 2%+0' $,%$' 404;0#+,':' 6' $,0' + 2'%!?504 2#%$'2' :%#$8' 1%+' +*66'2'0-$' #0%+ -' 6 #' 0E2!*+' -' 6# 4' $,0 : +'$' -' 6' % *-'70#+'$8' !02$*#0#' $,0' 1, !0' 6' $,0' 6%2*!$8' 6' $,0' *-'7E#+'$8' 2 -20#-05' # +0' '-' : : +'$' -' $ ' $,'+' 502'+' -' ,0' -!8' #0+$#'29 $' -' 1,'2,' 2%-' ;0' 0E0#2'+05' '+' '-5'#02$' $,# *.,' $,0' 40$, 5' 6' %: : '-$40-$' $ ' $,0' 2,%'#+' %-5' ;8' $,0' #0U*'#040-$+' 6 #' +$%$0' 0E%4'-%$' -+' 70-' '-' $,0 ! .8' $,0' . 70#-40-$' ,%+' #06*+05' $ ' %!! 1' %-8' !'4'$%$' -+' # 2 -$# !' 1,'2,' $,0' 2,*#2,' %*$, #'$'0+' %#0' 504%-5'-.' ,0' 4 +$' *-#0+$#'2$05' 404;0#+' 6' $,0' *-'70#+'$'0+' %#0' $,0' #'7%$' 20-$+' 4<% %*6 1,' %#0' - $' +$%$0' 66'2'%!+' %-5' %#0' :0#4'$$05' $ ' !02$*#0' ;8' $,0' 6%2*!$8' R' 2'0-20' %-5' $,0' $0%2,'-.' 6' +2'0-20' %#0' 6#00' S' '-' $,0' 0#4%-' *-'70#+'$'0+' : ++';!8' 4 #0' 6#00' $,%-' 1%+' $,0' '-$0-$' -' 6' $, +0' 1,' 6#%4 05' $,0' #* ++'%-' -+$'$*$' -' 6' >)QK -.!%-5' /? ,0' -.!'+,' *-'70#+'$'0+' 6' E9 6 #5' %-5' %4;#'5.0' %++0#$05' $,0'# '-50:0-59 0-20' 6' %:%!' 2 -$# !' %$' % 70#8' 0%#!8' :0#' 5' ,0'7'01+' 0E:#0++05';8' '!!'%4' 6' 22%4'4<% %* %.%'-+$' $,0' %*$, #'$8' 6' $,0' :0' .%'-05' % #0%58',0%#'-.' %$' E6 #5' %-5' '-' >JO)' $,0' *-'9 70#+'$8' ;$%'-05' '$+' '-50:0-50-20' 6# 4' $,0' %:%!' #0:#0+0-$%$'70' $,0' +,' 6' '-2 !-' '-' $,0' 0!02$' -' 6' $,0' ,%-20!! #' %4;#'5.0' +'4'!%#!8';02%40' '-50:0-50-$' 6' $,0' '+,' 6' !8' '-' >MJK' -' $,0' 1, !0' , 1070#' $,0' *-'9 70#+'$'0+' 10#0' $,0' +0%$+' 6' #$, 5 E8' %+' 1%+' '-+$%-205';8' $,0' :0#+02*$' -' 6' 82!'6%-5' $,0' !!%#5+' %-5' $,0' +$'!!' 0%#!'0#-0.!02$' 6' .0# %2 -' ,0' !'$'2%!' '4: #$%-20' 6' $,0' *-'9 70#+'$'0+' 1%+' 04:,%+'G05' 5*#'-.' $,0' 06 #4%9 $' -' ;*$' $,08' 5'5' - $' +0#70' %+' 0%+8' $!+' 6' $,0' 4 -%#2,+' '-' $,0' +%40' 1%8' %+' $,0' 0#4%-' *-'70#+'$'0+' 0-#8' ' 6 *-5' % 2 -+'50#9 %;!0' %4 *-$' 6' '-50:0-50-$' $, *.,$' -' $,0' 5'7 #20' U*0+$' -' 1,'2,',0' #060##05' $ ' E6 #5' %-5' %4;#'5.0' %-5' -!8' ;$%'-05' % &*5.40-$' 1,'2,' 1%+' +%$'+6%2$ #8' $ ','4';8' $,0' 0E2!*+' -' 6' 404;0#+' 6# 4'2 -7 2%$' -' ,0' 06 #4%9 $' -' 1%+' '-$# 5*205' '-' $,0' *-'70#+'$'0+' - $' 1'$, *$' % +$#*..!0' %+' 1%+' $0+$'6'05' ;8' $,0' -*4;0#' 6' %2%504'2' %5,0#0-$+' $ ' %$, !'2'+4' 1,0-' %#8' 2%40' $ ' $,0' $,# -0' ,0' 51%#5?' '-0' 44'++' -',%5',%5'%-'4: #$%-$' -6!*0-20' -' $,0' +$*50' 6' 2%- -' !%1' ,0' #0+*!$' 6' $,0' !0.'+!%$' -' 6' $,0' +'E$00-$,' 20-$*#8' 1%+' $ ' -$# 5*20' $,0' '4: +'$' -' 6' $0+$+' -' +$*50-$+' 60!! 1+' %-5' ,0%5+' 6' 2 !!0.0+' %$' ; $,' *-'70#+'9 $'0+' ,0' 020!0+'% +$'2%!' '-6!*0-20' 2 -$'-*05' $ ' -2#0%+0' '-' $,0' -0E$' 20-$*#8' 1,0-' %*5' #0'49 : +05' $0+$+' '-+'+$05' -' %$$0-5%-20' %$' *-'70#9 +'$8' +0#4 -+' %-5' #0'-6 #205' $,0' !'20-+'-.' 6' $0%2,0#+' ;8' 2!0#'2%!' %*$, #'$8' 8'$,0' %# !'-0' $%$*$0+' H>OJOF' '$' ;02%40' $,0' 5*$8' 6' $,0' '20?' ,%-20!! # $ ' +%60.*%#5' $,0' #$, 5 E8' 6' $,0' :*!:'$' ,0' $#%5'$' -+' 0 +$%;!'+,05' %$' $,'+' :0#' 5' 2 -$'-*05' -$'!' $,0' 4'55!0' 6' $,0' !%+$ 20-$*#8' %-5' 0+$%;!'+,05' $,0' *-'EO#+'$'0+' %+' '-+$#*40-$+' 6' $,0' -.!'2%-' ,*#2,' !'$'9 2%!!8' $,0' 066O2$' 1%+' $,0' +%40' %+' 1%+' '!!*+$#%$05' ;8' $,0' #8' %+20-50-28' %$' $,0' *-'70#+'$'0+' 5*#'-.' $,0' 0'.,$00-$,' 20-$*#8' '-' +:'$0' 6' $,0' '-$0#60#0-20' 1'$,' $,0'# !';0#$'0+' ;8' (%40+'

1 , ' %$$0 4 :$05' $ ' +02*#0' $,0' +0!02$' -' 6' + 4 0' 4 %-'+$+' $ ' 60!! 1+,':+' %-5' 4 %+$0#+,':+' 6' 2 !!0.0+' %$' E6 #5' %-5' %4 ;#'5.0 ' ,0' 066O2$' 6' $,0' '4 : +'$' -' 6' #0!'.' *+' $0+$+' %-5' +*;9 +2#':$' -+' 1%+' $ ' 0E2!*50' 5' ++0-$0#+' 6# 4' $,0' *-'70#+'$'0+' 6 # -0%#!8' $,#00' 20-$*#'0+<' $,0#0' 10#0' $0+$+' -' 4 %$#'2*!%$' -' -' :# 2005'-.' $ ' 50.#00+' -' 0!02$' -' $ ' 60!! 1+,':+' %-5' ,0%59 +,':+' 6' 2 !!0.0+' -50#' +*2,' 2'#2*4+$%-20+' $,0' *-'70#+'$'0+' ;02%4 0' 2! +0' 2 #: #%$' -+' %-5' %2%50 4 '2' 6#005 4' 1%+' #02 .-'G05' 1'$,'-' $,0' !'4 '$+' 1 ,'2,' $,08' 0+$%;!'+,05' ,0' 066O2$' 6' $,0' $0+$+' 1%+' $ ' !0%5' $ ' $,0' 0+$%;!'+, 4 0-$' '-' >)NQ' 6' $,0' -'70#+'$8' 6' -5 -' 6 !! 105' % 601' 80%#+' !%$0#' ;8' $,0' - #$,0#-' 2 !!0.0+' -' >) QM %!!' %$,+' %-5' 502!%#%$' -+' %$' 4 %$#'2*!%$' -' %-5' -' $%3'-.' $,0' 50.#00+' 6' %2 ,0! # 6' #$+' %1' # 05'2'-0' 10#0' %; !'+,05' %$' E6 #5' %-5' '-' >)QK %$' %4 ;#'5.0' 6 # %!!' 50.#00+' 0E20:$' '-' '7'-'$8<' 6*#$,0#' $0+$+' 10#0' #0 4 705' '-' >)L>' %-5' +'-20' >))N $,0#0' %#0' - ' $0+$+' 6 # 60!! 1+,''F+' $' :#0+0-$' $,0#0' %#0' - ' #0!'.' *+' #0+$#'2$' -+' '-' %-8' -.!'+,' *-'70#+'$'0+' 1'$,' $,0' 0E20:$' -' 6' $, +0' 6 # :# 60++ #+' 6' $,0 ! .8' %$' E6 #5' %-5' %4 ;#'5.0' $,0#1'+0' %2%50 4 '2' 6#005 4' '+' 2 4 :!0$0' $,# *., *$' $,0' 2 *-$#8' 0+:02'%!!8' +'-20' $,0' -010#' *-'70#+'$'0+' 10#0' 0+$%;!'+,05' %+' %' :# $0+$ %.%'-+$' $,0' #0+$#'2$' -+' 6' $,0' !50#' ,0' #*!0' 1 ,'2,' , !5+' %$' E6 #5' 6 #' :# 60++ #+' ?' 0' 4 %8' !02$*#0' '-' +*2,' 4 %-9 -0#' %-5' 6 #4' %+' ,0' &*5.0+' $ ' ;0' ;0+$ 6 #' $,0' '-+$#*2$' -' 6'+$*50-$+' %-5' $,0' %57%-20 4 0-$' 6' 3- 1!05.0 $' ,%+' .0-0#%!' 7%!'5'$8' *2,' #09 +$#'2$' -+' %+' %#0' +$'!!' 6 *-5' %$' $,0' !50#' *-'9 70#+'$'0+' %#0' 6' % 3'-5' 1 ,'2,' :#070-$' :# .#0+' %-5' %5%:$%;'!'$8' $ ' 4 50#-' #0U*'#0 4 0-$+' ;*$' %#0' 5*0' $ ' $,0' :02*!'%#-%$*#0' 6' $,0'# 2 -+$'$*9 $' -+' 1 ,'2,' #0$%'-' 6 # $,0' *-'70#+'$'0+' $,0' 2,%#9 %2$0#' 6' % 2! +0' +0!6?:0#:0$*%$'-.' 2 #: #%$' - 00' % ! !' # 0 * ' /4 ;/ ' # 0 * ' /

#%-20' /' -' $,0' *-'70#+'$8' 6' %: !0 -' $,0' 6%2*!$'0+' $ 3' $,0' :!%20' 6' $,0' !5' +:02'%!' +2, !+' %-5' 10#0' 50+'.-05'- $'6 #' 6#00' +2'0-$'6'2' #0+0%#2,' ;*$' 6 #' $,0' :#0:%#%$' -' 6 #' %-5' $,0' 2 -60#4 0-$' 6' 50.#00+' ,08' 1@0#0' 0-$'#0!8' +*; #5'-%$05' $ ' $,0' 20-$#%!' %*$, #'$8' 1 ,'2,' #0.*!%$05' $,0' *+0' 6' $,0'# %:: #:'%$' -+' $,0' -%$*#0' %-5' +*;&02$' 6' $,'+' '-+$#*2$' -' - 4 '9 -%$05' $,0' :# 60++ #+' %-5' $,0# $0%2,0#+' %-5' 0 4 :! 800+' ,0' +8!%;*+' 6' 2 *#+0+' 1%+' +*;9 4 '$$05' 0%2,' 80%# 6 # $,0' %::# 7%!' 6' $,0' '-'+$0#

,0' 6%2*!$'0+' %$' :#0+0-$' +$'!!' '-+'+$' -' $,0' :%++'-.' 6' 0E% 4 '-%$' -+' %-5' :#0:%#0' 6 # 20#9 $%'-' 0E% 4 '-%$' -+' H!'20-$'%$0+' 20#$'6'2%$0+' 0$2 ' # 2 4 :0$'$'70' $0+$+' & 6' '-+:02$ #%$0+' 0$2 F<' ;*$' $,08' ,%70' % 70#8' 2 -+'50#%;!0' '6 - $' %;+ !*$0' +2'0-$'6'2' %-5' 6'-%-2'%!' %*$ - 4 8' +'-20' $,0' $#%-+6 # 4 %$' -' 6' $,0' .# *:+' 6' 6%2*!$'0+' '-' *-'70#+'$'0+' ,'+' 2,%-.0' ,%+' ;00-' 50 4 %-505' 070#' +'-20' $,0' #5'-%-20' 6' >)>M' 1 ,'2,' :# : +05' $,0' 0+$%;!'+, 4 0-$' 6' +070#%!' ! 2%!' *-'70#+'$'0+' %-5' 1%+' +30$2,05' '-' *'G $$+' 4<% %*' :!%-' 6 # $,0' #.%-'G%$' -' 6 !%#.0' 20-$0#+' 6 #' +$*58' %-5' *$!'-05' '-' $,0' :# &02$+' 6' ' *#*8' 4 % %*' %-5' (' '4 -' 4<% %*% -50#' $,0' 5'#02$' -' 6' ' '%#5' $,0' 2,%-.0' 1%+' #0%!'G05' '-' '$+' ;# %5' !'-0+' ;8' $,0' 502#00' 6' '-'+$0#' ;!0$' H 02' N)' >))QF %-5' $,0' !%1+' 6' :#'!' N)' >)P)' %-5' (*!8' >K' >)PK' 1@,'2,' 2#0%$05' R' 0%2,' 6%2*!$8' $,0-' -%$*#%!' .# *:+' *$' 6' $,04' !'30' !'7'-.' #.%-'G%$' -+' 1'$,' $,0'# 1-' !'60' %-5' %' + *!' $#*!8' '-5'7'5*%!' S' H ' '%#5F' +$%;!'+,05'-'$,'+' 1%8' $,0' #0-2,' *-'70#+'$'0+' 5'660#' 6# 4' $,' +0' '-' -.!%-5' 1,'2,' #020'70' !'$$!0' 6# 4' $,0' $%$0' %-5' 2%-'%+3' -$,9 '-.' 6# 4' '$' %-5' 4 *2,' 4 #0' 6# 4' $,0' 0# 4 %-' *-'70#+'$'0+' 1,'2,' 070-' $, *.,' 0!02$'-.' $,0'# #02$ #+' 1'$,' 6*!!' !';0#$8' %#0' +$'!!' *-50# $,0' +$#'2$' 2 -$# !' 6' $,0' $%$0' '-' $,0' *+0' 6' %: :# :#'%9 $' -+' %-5' $,0' - 4 '-%$' -' 6' $,0' :# 60++ #+' -' %$$0 4 :$' $ ' +02*#0' $,'+' #.%-'G%$' -' ,%5' ;00-' 4 %50' %$' $,0' $'4 :' 6' $,0' 0+$%;!'+, 4 0-$' ;8' ' *#*8' 6' $,0' (' <0 ' ' 0 ' 0 6' '-' 1,'2,' $,0' '-+$#*2$ #+' 10#0' 6#00' $ ' +0!02$' $,0' +*;&02$+' 6' #0+0%#2,' #' '-+$#*2$' - ,0' :#0+0-$' +'$*%$' -' '+' %+' 6 !! 1+<' H>F' ,0' .# *:' 6' 6%2*!$'0+' '-' 0%2,' 2%:'$%!' 6' %-' %2%50 4 8' '+' *-50#' $,0' 5'#02$' -' 6' $,0' *-2'!' 6' $,0' -'70#+'$8' - 4 '-%$05' ;8' $,0' :# 60++ #+' %-5' :#0+'505' 70#' ;8' $,0' 02$ #' %+' $,0' 50:*$8' 6' $,0' '-'+$0#' ,0' 2 *-2'!' '+' % 2'7'!' :0#+ -' '4 :!8'-.' $,0' : 10#' $ ' #020'70' %-5' %2U*'#0' ;8' 1%8' 6' .'6$+' #' !0.%2'0+' #' +*;+'5'0+' 6# 4' $ 1-+' 50:%#$4 0-$+' #'-5'7'5*%!+' +*4+' 1,'2,' 1'$,' $,0' +$%$0' %::# :#'%$' -+' 2 -+$'$*$0' $,0' ;*5.0$' :# :0#' HNF' %2,' .# *:' ,%7'-.' '$+0!6' ;02 4 0' %*$ - 4 *+' '+' 2%!!05' % *-'70#+'$8' '-' 1,'2,' $,0' 5'660#0-$' 6%2*!$'0+' 2%-' $,04+0!70+' 502'50' -' $,0'# 2 *#+0+' -' 2 -5'$' -' $,%$' $,0+0' 660# % +*'$%;!0' :#0:%#%$' -' 6 # $,0' 50.#00+' # 2 4 :0$'$'70' 0E% 4 '-%$' -+' 2%-' 2#0%$0' # 2,%-.0' + 4 0' 2,%'#+<' 2%-' '-$# 5*20' -01' +$*5'0+' $ ' 400$' $,0' -005+' 6' $,0'# 5'+$#'2$' 4 % % ! 2%!' ,'+9 $ #8' :# 7'-2'%!' 5'%!02$+' ! 2%!' '-5*+$#'0+F<' %-5' 2%-' 50!';0#%$0' -' $,0' *+0' 6' $,0'# ;*5.0$' 0$2 HJF' %2,' *-'70#+'$8',%+' 6*!!' 5'+2':!'-%#8' 10# 70#' '$+' 66'20#+' %-5' +$*50-$+<' %-5' 4 %8' :#0+0-$' 2%-5'5%$0+' $ ' 7%2%-$' 2,%'#+<' $,0' 0%-' 4 %8' %:: '-$' :0#+ -+' 6 #' 20#$%'-' +0#7'20+ -' +, #$' '-' $,0' :#0+0-$' +8+$04' R' '-+$0%5' 6' 2 4 :0!!'-.' $,0' 6%2*!$'0+' $ ' :*$' '$+' '50%+' '-$ ' :0#%$' -' $,0' 20-$#%!' %54'-'+$#%$' -' %++*4 05' $,0' $%+3' 6' :*$$'-.' '-$ ' :#%2$'20' $, +0' 1,'2,' 2 4 0' 6# 4' $,0' 6%2*!$'0+' #,%70' $,0'# %::# 7%!' S' H ' '%#5F' ,0' *-'70#+'$'0+' $,*+' 6'-5' $,04 9 +0!70+' +'$*%$05' ;0$100-' $,0' '-6!*0-20' 6' $,0' +$%$0' %54'-'+$#%$' -' %-5' : !'$'2%!' %-5' + 2'%!' '-6!*0-20+' 6' $,0'# 1-' ! 2%!' 20-$0#' %-5' $,0'# 2 -20:$' -' 6' $,0'# +2'0-$'6'2' 6*-2$' -' ,'+' 2 -20:$' -' $,08' #0%!'G0' '-' : #$' -' $ ' $,0' +2'0-$'6'2' +$%-5'-.' %-5' :0#+ -%!'$8' 6' $,0'# :# 60++ #+' (' -'$05' $%$0+' / ' ,0' :# ;!04+' 2 --02$05' 1'$,' $,0' #'.,$' 6' %2%50 4 '2' 6#005 4' '-' $,0' 40#'2%-' 2 !!0.0+' %-5' *-'70#+'$'0+' 5'7'50' 2,# - ! .'2%!!8' '-$ ' $,#00' U*'$0' 1:0 ' 506'-05' .# *:+' #' :0#' 5+ ,0' 6'#+$' 6' $,0+0' :0#' 5+' '-2!*50+' $,0

+070-$00-$,' %-5' 0'.,$00-$,' 20-$*#8' 1,0#0'-' $,0' %*$, #'$8' $,#0%$0-'-.' $,'+ 6#005 4' '+ 022!0+'%+$'2%!' %-5' $,0' '-$0#0+$+ +*:: +05!8' $,#0%$0-05' %#0' +02$%#'%-' ,0' 6'#+$:#0+'50-$ 6' %#7%#5' %66 #505' $,0' 0%#!'0+$ '-+$%-20' #0+'50-$ *-+$0# 1%+' R' :0#+*%505' $ ' #0+'.-' S' '-' >OQM' %6$0# 6 *#$00-' 80%#+' 6' 4 +$' 7%!*%;!0' +0#7'20' ;02%*+0' 6' %-$'?:%5 ;%:$'+$' ;0!'06+' ,0' +02 -5' :#0+'50-$' ,%*-208' ,%5' +*660#05' +*+:0-+' -'6# 4'$,0' 4'-'+$#8'%-5'4:#'+ -40-$ '-' -.!%-5' 6 # 0E0#2'+'-.' $,0' #'.,$ 6' 6#00' +:002,' %+' %' 4'-'+$0#' ;*$', '+ #$, 5 E8' 1%+' *-U*0+$' -05'-' 01' -.!%-5' 0+:02'%!!8'-' $,0' 5 2$#'-0+'-'1,'2,' *-+$0# 1%+' 10%3'‹R' '$;0'-.', '+&*5.40-$-$ -!8'$' %54'$'-6%-$+'$ ';%:9 $'+4' ;*$'$' 1%+,' # 5':'$,04'%!!' 70# S' ,0' -0E$'5'66'2*!$8'-'$,'+' #0+:02$'%$' %#7%#5' 1%+' -' $,0' 0%#!8' 0'.,$00-$,' 20-$*#8' 1,0-' $,0#0' 1%+' %' :# ! -.05' +$#*..!0' 6 # 2 -$# !' ;0$100-' $,0' #$, 5 E' -.#0.%$' -%!' :%#$8' %-5' $,0' %#'+$ 9 2#%$'2' ,*#2,' 6' -.!%-5' 0!040-$', !5'-.' 4 #0'$!0#%-$#0!'.' *+'7'01+' ,'!0'-*40# *+' #0+$#'2$'70' %2$+' 10#0' -'$,0' -%$*#0' 6'!'4'$%$' -+' 6' 6#005 4' 6' ;0!'06' %-5' 6' $0%2,'-.' 80$'+*2,' %2$+' 10#0' ;*$' -2'50-$%!' $' :# 6 *-5' + 2'%!' %-5' #0!'.' *+' +$#*..!0+' ,0' 0%#!8' 80%#+' %$ %!0' %!+' :#0+0-$'-+$%-20+' 6' %#;'$#%#8' #0 +$#'2? $' -' 6' $,0' !';0#$8' 6' ;0!'06' %-5' 6' $0%2,'-.' %!0',%5';00-';*$',#00' 80%#+' %$' $+' :#4%-0-$ +'$0' 1,0-'$# *;!0' 6',' 2,%#%2$0# %# +0' 1'$,' $,0' 6'#+$ 01' %70-' :#0+'50-$' ,0' ;#0%2,' 22*##05' 70# +' $#'7'%!' % 4%$$0#' %+' $,0' #0+'9 50-$i+' 2#8'-.' 1'$,' #%'+05',%-5+' %$' $,0' 2! +0' 6' $,0' 2 4 40-2040-$ +0#7'20+' R' 0$ %!!' $,0' :0 :!0' +%8' %40-$' ,'+' , 1070#' :#0+%.05' #0+'50-$ *$!0#i+' 6%!!' '6# 4' 66'20' %-5' ,'+' %: +$%28' $ ' 0:'+2 :%28' ,0 ! .'2%!' $0+$+' 6 # %!!' 6%2*!$8' 404;0#+' $,0-' 10#0' %5 :$05' 1,'2,' #04%'-05' *-$'!' $,0' -'-0$00-$,' 20-$*#8' ,'!0' +$*50-$+' 10#0' %$' $'40+' 0E:0!!05' 6 # #0!'.' *+' '-5'+2#0$' -+' +*2,' %+' %$$0-5'-.' +0#7'20+' %$ 2,*#2,0+' $,0#' $,%-'$,0' #$, 5 E' -0' # :0$'$' -'-.'$' *+0' 230i+' !' ' 6 $,0' $0+$:#0+0#705' $,0' 6%2*!$8' 6# 4' +*2,' '-6029 $' -' +$' 6' $,0' 2 ! -'%!' 2 !!0.0+' %66 #5' +'4'!%# '!!*+$#%$' -+' ,0' :# ! -.05' +$#*..!0' %$' '!!'%4'%-5' %#8'!05';8', 4%+' (0660#+ -' 1%+' % #07 !$' %.%'-+$',+' #0+$#'2$' -' ;8' 022!0+'9 %+$'2%!' %*$, #'$8' %#!8' '-' $,0' -'-0$00-$,' 20-$*#8' (0660#+ -' .%70' *:'$,0' %$$04:$'$'6#00' '!!'%4' %-5' %#8' 6# 4' +*2,' 2 -$# !' %-5' $*#-05',+' %$$0-$' -' $'$,0' 6 *-5'-.' 6' % -01' '-+$'$*$' -' /'% +$%$0' *-'70#+'$8' 1,'2,', 19 070#' 5'5' - $ 070-$*%$0' *-$'!' $,0' 6'#+$ U*%#$0# 6' $,0' 20-$*#8' 1%+' # *-5'-.' *$

$' 1'!!';0' - $05' $,%$' $,0' #0+$#'2$' -' '-' -0%#!8' 070#8' '-+$%-20' 1%+' *:' -' $,0' 6#005 4' 6' ;0!'06 '-' $,0 ! .'2%!' 5 .4%+' # :#%2$'20+' ;8' $, +0' '-' %2%50 4'2' %*$, #'$8' 06 #0' $,0' 2! +0' 6' $,0' 0'.,$00-$,' 20-$*#8' %#7%#5' ,%5' 4%50' ! -.' +$#'50+' $ 1%#5+' $,# 1'-.' 66' $,'+' '-2*;*+' $ %!0' %6$0# % :# ! -.05' +$#*..!0' '-7 !7'-.' $,0' #'.,$ 6' $,0' +$*50-$%+' 10!!' %+' 6' $,0' $0%2,0# $' , !5' #0!'.' *+';0!'06+',0$0# 5 E' $' $,0' %*$, #'9 $'0+' $,0' +$%$0' . 70#-40-$' +*2200505' '-' 6 #2'-.

' // ('#0:#0+0-$%$' -' -'$,0' ; %#5' 6' $#*+$00+' %-5' % 4 #0' !';0#%!' %$$'$*50' #0.%#5'-.' #0!'.' *+' ;0!'06+' 401,%$' !%$0#' $,0' +%40' 5'66'2*!$8' 1%+' +0$$!05' %$' #'-20$ -';8'$,0' #.%-'G%$' -' 6' %' $,0 ! .'2%!' +04'-%#8' 5'+$'-2$' 6# 4' $,0' 2 !!0.0' 4_U_L*)

,0' +02 -5' :0#' 5' '-$' 1,'2,', '.,0# 05*2%9 $' -' '-' 40#'2% 4%8' ;0' 5'7'505' 1'$,' #0+:02$ $' $,0+0' :# ;!04+' '-2!*50+' '-' % .0-0#%!' 1%8' 4 +$ 6' $,0' -'-0$00-$,' 20-$*#8' -+$%-20+' '-7 !7'-.' '-6#'-.040-$' 6' %2%504'2' 6#005 4' - 1' %#'+0' 2,'06!8' *$' 6' $,0' +';&02$' 4%$$0#' %*.,$ # '50%+' %57 2%$05' 1,'2,' '-7 !70' % 5'.#0++' -' 6# 4' #0!'.' *+' 7'01+' 2 4 4 -' $' %!!' ,#'+$'%-' +02$+' $$04:$+' $' :#070-$' +*2,' 5'.#0++' -+' - 1'.'70' #'+0' $' 5'#02$' #0+$#'2$' -+' *:-' $,0' !';0#$8' $' $0%2,' 6#00!8' $,0' :#'-2':!0+' # 5%$%' 6' %-70!' +*;&02$' *2,' 2%+0+' %# +0' '4 4 05'%$0!8' %6$0#' $,0' 07 !*$' -''-'2 --02$' -' 1'$,' $,0' #0-2,' !%-.*%.0' %-5' !'$0#%$*#0' ,0+0' 10#0' +*::+05' $' ;0' 6*!!' 6' ,0#0$'2%!' +*..0+$' -'2,'06!8' -'5 *;$' ;02%*+0' 4%-8' 6' $,0' 0%#!8' $0%2,0#+' 10#0' R'6#00' $,'-30#+ S' $' %#7%#5' '-' >L)K' #0-2,' 1%+' 660#05' $' $,' +0' 1,' ;$%'-05'2 -+0-$' 6' :%#0-$+' # .*%#5'%-+' '.,$' 80%#+' !%$0#' % 2 *#+0' -' -%$*#%!',+$ #8' 1%+' :0-05' -' $,0' +%40' $0#4+' ,*+' 1%+' '-9 %*.*#%$05' $,0' +*+:02$' :0#' 5' '-' +2'0-20' 1,'2,' 1%+' $' 2 -$'-*0' 6 # %!4 +$' % 20-$*#8 %$0#' '-' $,0' -'-0$00-$,' 20-$*#8' - 70!' .0 9 ! .'2%!' %-5' %+$# - 4'2%!' '50%+' 22%+' -05' % 4 #0' 04'-0-$ 5%-.0#' *$' '$ 1%+' 1'$,' $,0' .0-0#%!' 6 #4*!%$' -' 6' $,0' 07 !*$' -%#8' $,0 #8' ;8' :0-20#%-5' %#1'-'$,%$ 2 -5'$' -+';02%40' %2*$0' ,0' 2 !!0.0+' 6' $,0' -'-0$00-$,' 20-$*#8' 10#0' 4 +$!8' 50- 4'-%$' -%!' %#7%#5i+' %: +9 $%28' 6# 4' -.#0.%$' -%!'+4' $,0' %#$4 *$,' !!0.0'502'+' -'1,'2,':# $02$05'#0!'.' *+'; 5'0+' '-' $,0' 2 -$# !' 6' '-+$'$*$' -+' 6 *-505';8' $,04' %-5' 2,%#%$0#05' ;8' !0.'+!%$*#0' $,0' 6%'!*#0' 6' (0660#+ -i+' ! -.' +$#*..!0' 70# '!!'%4' %-5' %#8' %-5' $,0' -*40# *+' 6 *-5%$' -+' 6' +$%$0' *-'70#+'$'0+' .%70' %-' *-:#02050-$05' '4:0$*+' $' $,0' 6 *-5'-.' 6' '-+$'$*$' -+' 6' !0%#-'-.' 0+:09 2'%!!8' '-' $,0' 4 #0' -01!8' +0$$!05' +$%$0+' ,0+0' 10#0' %7 105!8' 50- 4'-%$' -%!' '-' 2 -$# !' %-5' 2,%#%2$0#‹%-5' 1,'!0'601' 10#0' +02$%#'%-' '-' $0%2,?i' '-.' %!' 04:,%+'G05' 70#8' +$# -.!8' $,0' #0!'.' *+' 2,%#%2$0#%-5' 4:#$%-20' 6' 05*2%$' -' +'2,' '-+$'$*$' -+'%$$04:$05' $' 300:'%;#0%+$' 6'#%:'5!8' %57%-2'-.' 6 #4*!%$' -' 6' +2'0-$'6'2' :#'-2':!0+' -*40# *+' '-+$%-20+' %# +0' 6' 2 -6!'2$' ;0$100-' $,0' #'.,$' 6' %-' '-+$#*2$ # $' $0%2,' 7'01+' 6 # $,0' $'40' ;0'-.',0!5',0$0# 5 E' $' 4%-8' 50- 4'9 -%$' -+' # $' ,#'+$'%-' ; 5'0+' '-' .0-0#%!' %#5!8' % 2 !!0.0' 6' $,0' +070#%!' ,*-5#05' -1' 0E'+$'-.' ;*$ 1,%$ 6*#-'+,05' -0' # 4 #0' '!!*+? $#%$' -+' 6' $,'+' +'$*%$' -' 1070#' 4%-8' '-6!*0-20+',%70' ;00-'%$ 1 #3' $' 4%30' $,0' %220:$%-20' 6' $,0' +2'0-$'6'2' 7'01+'" ,0$0# 5 E' $' $,0' 4'55!0' -'-0$00-$,' 20-$*#8' %' 4%$$0# 6' 2 -70-$' -' - 1‹ $' %5&*+$' $, +0' 7'01+' $' #0!'.' *+' 2 -20:$' -+' %220:$%;!0' $' $,0' :#0+0-$ .0-0#%$' -‹%-5' %!+' $' $' 10%30-' $,0' #0!'.' *+' # %$!0%+$ 50- 4'-%$' -%!' %66'!'%$' -' 6' 4%-8

6'$,0'2 !!0.0+' -+$%-20+' 6'! ++' 6':# 60++' -%!' : +'$' -' ;02%*+0' 6'+*2,'7'01+':# ;%;!8' 22*# 80$< ;*$' $,08' %#0' #%#0'%-5' 5 ' - $' 0-$%'!' $,0' ,%#5+,':' *: -' $,0' 660-5'-.' '-+$#*2$ # $,08' -20'5'5' ' 4*2,' 6'$,0''-&*#8'#0+*!$'-.''+' $ ' $,0' 660-5'-.' '-+$'$*$' -' $,%$' $,0' 660-+0' '+' +2%#20!8' $ ' ;0' - $05' %+' -0' %.%'-+$' %2%504'2' 6#005 4

$' 1'$,'-' $,0' :#0+0-$' .0-0#%$' -' %' -01' 0#% ,%+' ;00-' 0-$0#05' %-5' %-' 0-$'#0!8' -01' 3'-5' 6'%2%504'2'5%-.0#' ,%+' %#'+0-' $,# *.,' #0+$#'29 $' -' 6'6#005 4' 6'$0%2,'-.' # ;!04+' 6'$,'+' 2,%#%2$0#' - 1' %#'+'-.' #0!%$0' $' 02 - 4'2' # + 2'%!' 5 2$#'-0' ,0' #0+$#'2$' -' %#'+0+' 2,'06!8' ;02%+0' $,0' 2 -$# !' 6' *#',.,0#' '-+$'$*$' -+' 6'!0%#-'-.',%+' :%++05' $' #0:#0+0-$%$'70+' 6'$,0' +02*!%#' %+' :: +05' $' $,0' 022!0+'%+$'2%!' 1 #!5' +' -0' 6'$,0' 4 +$'+0#' *+' 6#4+' 6'$,0'R'2 49 40#2'%!'G'-.'S' 6'05*2%$' -' %-5' 6'2*!$*#0'$,'+' +'$*%$' -' '+' %!!' $,0' 4 #0' 5%-.0#*+' ;02%*+0' 6$0-' - $' #02 .-'G05' ;8' $, +0' '44 05'%$0!8' #0+: -+';!0'6 #'$,0'7' !%$' -' 6'%'6*-5%40-$%!' + 2'%!'#'.,$' #070-' ;8'$, +0'$,# *.,'1, 4'$,0' #0+$#'2$' -' %#'+0+' ,0' +'$*%$' -' '+' 5*0' :%#$!8' $' $,0' 0- #4 *+' 0E:%-+' -' 6' :,'!%-$,# :'2' .'6$+' $' 05*2%$' -' :%#$!8' $' $,0' :%#$'2':%$' -' 6'+*220++6*!' ;*+'-0++' 40-' '-' 2 !!0.'%$0'2 -9 $# !' /'%60%$*#0'1,'2,',%+';00-'!%#.0!8'#0+: -9 +';!0'6 #'$,0':# .#0++'70'2,%#%2$0#' 6' 40#'2%-' 05*2%$' -' /'%-5':%#$!8' $,0'#020-$'040#.0-20' 6'%7%+$' -*4;0#' 6'+2'%!':# ;!04+' 6'6*-5%9 40-$%!' ,*4%-''-$0#0+$'%-5''4: #$%-20' ,0' 4 +$'+*;$!0'%-5'4 +$'244 -'6#4''-'1,'2,' $,'+'%2%504'2'5%-.0#'0E'+$+'+'1,0#0'%-''-+$'$*9 $' -' ,%+' $,0' 6#'0-5+,':' %-5' :%$# -%.0' 6'% !';0#%!'5 - #' 1, +0' ;0!'06+' %-5' :#0&*5'20+' 4*+$';0'#0+:02$05'070-'$'$,0'0E$0-$' 6'%7 '59 '-.'2 -+'50#%$' -' 6' 20#$%'-' +*;&02$+' $,0' +070#%-20' #$0#4'-%$' -' 6'#0!%$' -+'1'$,'20#9 $%'-''-+$#*2$ #+' #070-'$,0':#0+0-$%$' -' 6' +:02'6'2'7'01+' -' .'70-'+*;&02$+',0!5';8'$,0' :%$# -' ,0' %54'-'+$#%$'70' %*$, #'$'0+' 6' 4%-8'05*2%$' -%!''-+$'$*$' -+' %$' $,0':#0+0-$' $'40'2 -60+' $,'+' %+' %#0%!' 5%-.0#' $' '+' !0+' $,0' !'4'$%$' -' -' %2%504'2'6#005 4' %#'+'-.' 6# 4' .'6$+' %!#0%58' 4%50' $,%-' $,0' #0+$#'2$' -' %#'+'-.' 6# 4' 50+'#0' $' %7 '5' 660-+0' 1,0#0' .#0%$0#' 6%7 #+' %#0' 50+'#05' %-5' %-$'2':%$05' ,0' :#0+0-$' .0-0#%$' -' ,%+' 1'$-0++05' % -*4?' ;0#' 6' '-+$%-20+' 1,0#0' $,0' 6%7 #' 6' %' !'7'-.' ;0-06%2$ #',%+' ;00-' 4 #0' 6#%*.,$' 1'$,' 5%-.0#' $,%-' $,0' $#%5'$' -%!' R' 50%5' ,%-5 S' -' #50#' $' %7 '5' +*2,' 2 -$'-.0-2'0+' -0' 6' $,0' 4 +$' .0-0#*+' 6'+*2,':%$# -+' ,%+' 1'+0!8' '-5'2%$05' $' $,0' 6%7 #05' '-+$'$*$' -' $,%$' ,0' ,%+' 4%50' ,'+'!%+$' .'6$' %-5' ,%+' +070#05' %!' #0!%$' -+' 1'$,' $,0' '-+$'$*$' -+' 1,'2,' ,0' 6*-505' ,0' 2%+0+' 6'7' !%$' -' 6'$,0' #'.,$' 6'6#00' $0%2,'-.' ,19 070#' %#0' -$' ;8'%-8'40%-+' 2 -6'-05'$' '-+$'$*9 $' -+' ,%7'-.'[' +:02'%!':%$# -' ;*$' 22*#'-'%!' $8:0+' 6''-+$'$*$' -+' /' -0' 6'$,0' 4 +$'6!%.#%-$ 6'#020-$'2%+0+' ;0'-.''-'%+$%$0'*-'70#+'$8 *#'-.'$,0':%+$' $1' 502%50+' %-*4;0#' 6' - $%;!0''-+$%-20+',%70' 22*##05' 6'$,0'+070#9 '-.' 6'%2%504'2'#0!%$' -+' ;02%*+0' 6'$,0'02 9

' '/'N'G

- 4'2' #+2'%!'7'01+',0!5'%-5'55 2$#'-0+'$%*.,$' ;8'$,0''-+$#*2$ #'-7 !705' -' -0' 6'$,0+0' '-+$%-20+''$,0':#0+'50-$' 6'%-' !5'%-5',-#05' 01' -.!%-5'*-'70#+'$8' 1%+'2-20#-05' ,0' 4 -0$%#8':# ;!04'+$%$0'2 -$# !' 6'#%'!1%8+'%-5' 6'$,0#+0#7'20+'4*-'2':%!'2 -$# !' 6'+*2,'+0#9 7'20+'*;*'!'2'2 -20++' -+' 6'U*0+$' -%;!0'2,%#%29 $0#' #070-'4 #0'.0-0#%!' + 2'%!'+$'2' $0%2,'-.+' ,%70';00-'$,0' 22%+' -'6 #'$,0',%!6'5 G0-'4 #0' :#4'-0-$' 6'$,0+0''-+$%-20+' $'+';*$'&*+$'$' +%8'$,%$'-'%!4 +$'070#8'2%+0'$,0#0' ,%70';00-' '-7 !705'6%2$ #+' $,0# $,%-'$,0' #$, 5 E8' 6' $,0'02 - 4'2'5 2$#'-0+''-7 !705' 0$, 5+' 6' :#:%.%-5%'$#%'$+' 6':0#+ -%!'$8'! 2%!'6%2$' -%!' '-6!*0-20+',%70'0-$0#05'-$'%!4 +$'070#8'2%+0' + $,%$'&*+$'20'2%-- $' 502'50'1'$,':#02'+' -' #$,0':#0+0-$'$' '+' -$' 70#$'2%+0+' 6'$,'+' 2,%#%2$0#'1,'2,':#0+0-$$,0'4 +$'+0#'*+'5%-.0# $'$,0'#'.,$' 6'6#00'$0%2,'-.'%-5''-70+$'.%$' -';*$'$,0'4 #0'+*;$!0'$8:0+''-5'2%$05'%; 70' 601'2%+0+'%#'+'-.' *$' 6': !'$'2%!':%#$'+%-';'%+' 6 #4'%2!%++';8'$,04+0!70+<';*$'+*2,''-+$%-20+' %#0'#%#0'%-5'%#0'-$'%:$'$' #02*# 0E20:$'-' 4%#305''+!%$' -' #0!%$05'$':'2+'+00' 6 %' #* * 4 %-5' *-50# *' '%#'$,0'+02$' -' -' 54'-'+$#%$' -' 6' $,0' *##'2*!*4'6 #5'+2*++' -' 6'6#005 4' 6' +$*58

06O#0-20+'/

$%/ ') % % ' ' O(' .! ' /'3 ' 8 ' ', H E6 #5' >PKJF $ 8 ' " ' ' ' /6 !' -+$#*2$' -' *;!'U*0' H %#'+' >PKNF $ '1') ' ' 1 !' /' ' !' /' / H -5 -' >))OF * G ' '< * #' ' + (' ' /' !'" / H E6 #5' >PKPF O('" $6' !+' W W' WW '%-5' WW ' ' +0#'0+' 6'%#$'2!0+';8' # 1-' ' 0108'(,-' %#:0#' ' '& %#30#'(*5.0' ' ,'!!8' 0-!08' ' - % #', ' (' ' (O ' ' + !' ' 0 6' O(' ' !' " / H 01' #3' >)Q)F < % / %##') ' ' ' / ' ' ' O (' G'.' >)P)F ; *' (' ' ($ ' ' O (' " (6' !' ' H 0#!'-' >PKMF % ' ' ' 5 (O H %#'+' >)PKF %.%G'-0+'6 #'$,0'80%#+' >PK>'%-5' >PKN'2 -$%'-' 4%-8' %#$'2!0+' -' $,'+' $:'2' H 00' !0:+' -50E' 6 #' $, +0'80%#+F # ' (' ' 1 !' /' ' !' /' 2 H -5 -' >)))?>P>>F % * #'& ' 3 ' H 01' #3' >PKOF ') #' ' + ' / ' ' 2 ' /' H H -5 -' >)OMF 00'%!+' $%$*$0+'%-5' ,%#$0#+' 6'$,0'#0+:02$'70'*-'9 70#+'$'0+

' ' ' /'5' 00' % ' #* *

' ' ' /'5' 00

% ' #* *

' ' 2 ' /'-' 20#$%'-' 6''$+' %+:02$+'$,0':# ;!04' 6'6#005 4' 6'1'!!' ,%+' ;02 40'+'0-2*4;0#05' 1'$,'$,0'#06*+0'%-5

$,0 1, !0 2*##0-$ 6 #0-2,05*2%$' -%!$,0 #8 %-5 :#%2$'20 $+5'7'+' -'-$ +2, !+#%$,0# $,%-' '-$ $,0 %-2'0-$ 6 *# 6%2*!$'0+ H%#$+ $,0 ! .8!%1 405'2'-0 ,%5';00-'2!0%#!8 *$9 !'-05'-' '50# $+ ›0 H>LLO -5'-' *: -$ 50 04 *#+ 1 #3 .0 , 0# (= H>)KK R ,0'50% 6 5'+$'-2$ +2, !+6%#$%-5'+2'0-20 1,'2,''+ + :# 4'-0-$%2,%#%2$0#'+$'2 6$,0 -'70#+'$8 6 '#.'-'%$?5%8S'+%8+ #60++ # 0#;0#$ 5%4+'R'+'$,0 0-5*#'-.':# 5*2$ 6 (0660#+ -+;+0#7%$' -'6$,0 +2, !+6%#'+' %-5 6 ,'+%++ 2'%$' -'%-5 2 ##0+: -50-20 1'$,' $,0'# #0:#0+0-$%$'70 40-S 6*#$,0# 2,%--0! 6 #0-2,''-6!*0-20 - 40#'2%-'05*2%$' -'1%+$,0 '-$# 5*2$' -'6 $,0 #0-2,'!%-.*%.0%-5'!'$0#%$*#0 '-$'2 !!0.0 %-5 %2%50 4 8 2*##'2*!%' ,0 6'-'+,'-.'+2, !+' 0+:02'%!!8$,+0 6 #.'#!+' 6$,0 !%$$0# ,%!6 6 $,0 0'.,$00-$,' 20-$*#8 6#0U*0-$!8 %570#$'+05 $,0 $0%2,'-.'6 #0-2,' 0#0 ,1070#''$ 1%+ 2!%++05 1'$,'4*+'2'5%-2'-.'%-5'04;# '50#8'%+ %R':!'$0 %22 4:!'+,40-$S' *#'-.'$,'+':09 #' 5'%-5'$,0'0%#!8'-'-0$00-$,'20-$*#8' #0-2,' 1%+''-$# 5*205'-$'+ 40 6'$,0 4 #0'%57%-205 6$,0'%2%504'0+ -'%+401,%$,'.,0# :!%-' $+' -$# 5*2$' -'-$'$,0 2 !!0.0 2*##'2*!*4' 5*#'-.'$,0'+%40 :0#'5', 1070#'4 #0' :# 6*-5'05*2%$' -%!+'.-'6'2%-20 I -+$#*2$' -''-' #0-2,',%5';00-'%!! 105'%$ %#7%#5'%+ 0%#!8'%+ >LJQ' *$'$,0''-+$#*2$ #' R1,',%5';00-'04:! 805'*-50# $,0'%*$, #'$8 6$,0':#0+'50-$%-5'$*$ #+'%+'%-'-+$#*2$ #'-' #0-2,S'1%+'%22*+05 6R5'++04'-%$'-.'20#$%'-' 5%-.0# *+'0## #+'-'2!!0.0S'%-5'$,0'0E:0#'40-$' 1%+',#$?!'705' -'>LOP'$'1%+'7 $05'$,%$'% 20#$%'-' #' *#$'+'R:# 60++'-.',' 4+0!6'$';0'6 $,0':# $0+$%-$ #0!'.' -S';0'%!! 105'$'$0%2,' #0-2,'$' *2,'+2, !%#+'R'1,+0':%#0-$+';8 1#'$'-.'*-50#$,0'# 1-',%-5+',%!!'+'.-'68'$,0'# 50+'#0'6 #'$,%$' :*#: +0'$'$,0'$*$ #+'0E20:$'-' $,0', *#+'%:: '-$05'6 # %2%504'2%!'+$*5'0+'%-5' 0E0#2'+0+S' '$,'$,0' 07 !*$'-' :: +'$' -'$' $,'-.+ #0-2,';02%40'!0++:# - *-205'%-5' 1%+' #0:!%205'-' 4%-8'%2%504'2 20-$0#+';8' 0-$,*+'%+4' ,0' !!0.0'6 '!!'%4'%-5' %#8' 0+$%;!'+,05'% 2,%'# 6'4 50#-'!%-.*%.0+''-' >LLM< %-5' !*4;'%'$,0'6'#+$2,%'# '-' #0-2,' '-'>L)M' ,0'6'#+$2,%'#'-' #0-2,'%$' %#7%#5' 1%+6*-505'-'>)>Q';8'1,'2,'$'40'+070#%!' $,0#2!!0.0+,%5'4%50+'4'!%#0+$%;!'+,40-$+ ,0''-$# 5*2$' -'6$,0'+$*58 6' #0-2,' 1%+'%++2'%$05'1'$,'$,0':0#'5'-' 40#'2%-' 2!!0.0',' +$#8'6# 4'>LLK'$'$,0'+02 -5'502%50' '-'$,0'-'-0$00-$,'20-$*#8'1,'2,'1%+'4%#305';8'$,0'.# 1'-.'6#005 4'%-5'!'20-+0' 6'$,0'+$*9 50-$';58';8'502!'-0'6'6%2*!$8'2 -$# !';8'$,0' 70#$,# 1' 6'$,0'+$#'2$ 022!0+'%+$'2%!' 5 4'9 -%-20'%-5';8'$,0'-$# 5*2$' -'6'$,0'+$*58 6'$,0'+2'0-20+' ,0'0%#!8':%#$' 6'$,'+':0#' 5' $,0'80%#+' 6'%-5''4 405'%$0!8'6 !! 1'-.'$,0' 07 !*$'-'1%+2,%#%2$0#'G05';8'!'20-+0''-' 2 -5*2$'%-5'0E$#0 40'6#005 4' 6'$,*.,$ %-5''-6'50!'$8'%4 -.'$,0'+$*50-$+' '%20#9 $%'-'0E$0-$',+1%+%++2'%$05''-$,0': :*!%# 4'-5'1'$,'$,0' #0-2,''-6!*0-20' -+0U*0-$!8' 2%40',+' :: +'$' -'2'$05'%; 70'$'$,0'+$*58 6' #0-2,' $'+'4: ++';!0'$'+%8'- 1'$'1,%$' 0E$0-$ +*2,''-6!*0-20'5'5' # 2 *!5'2 40'6# 4' $,0'+$*58'6'$,0'!%-.*%.0'6'$,0' #0-2,'!'$0#9 %$*#0'; *$'$' 20#$%'-!8'6 #405'%-'-6!*0-20';8' 1,'2,''50%+' 4 #0' $!0#%-$' $ ';# %50#' 7'01+ 6'!'60' 10#0';# *.,$''-'%$' $,%$' $'40' $ ⅜%$ %-''4: #$%-$ 40%-+'6 # 4%3'-.'3- 1-'$,0' #0-2,'50%+'6'$,%$' 4 +$'4: #$%-$'0: 2, '-20'$,0'0%#!8':%#$' 6'$,0'-'-0$00-$,'20-9 $*#8'$,0''-6!*0-20'6' #0-2,'05*2%$' -%!'50%+' %-5':#%2$'20+' -' 40#'2%' ,%+';00-'70#8' +!'.,$' %-5'+*2,'%+' ,%+';00-'0E0#$05' 2%40' '-5'#02$!8'$,# *.,' 1'++ # 0#4%-'2,%--0!+' %-5'1%+'6'%'7%.*0'%-5''-506'-'$0'2*!$*#%!' 2,%#%2$0#'1,'2,',%+' !'$$!0' 2 --02$'-'1'$,' #.%-'G05'05*2%$'-' 00', 1070#'& %#?4%*' %#' ' ' ' %-5' ' O60#0-20+'T / % *' ' ' ' 4%+'(O660#+ -'%-5'$,0' -'70#+'$8'6' '#.'-'%' ' ' *#0%*' 6' 5*2%$' -' (0 ' /' 0(6 >))) ' '>' H %+,'-.$-' >))) F $% # % ' ' C // ' ' 0(⅜ H %#'+' >)PO F ' ' 1 ' (<0 ' ' ,› 0(' ' 5 (⅜ H %#'+' >))Q F / *@$ *%' ' ' › 0(' - 0 ⅜ H %#'+' >)) N?>)PL F A ›, 0(' 02 0 ' ' ' " 0 ⅜ H %#'+' >))N F) ' ' ' #'.'-' 6'$,0' %$' -%!' 2'0-$'662' %-5' 5*2%$' -%!' -+$'$*$' -+' '-' $,0' -'$05' $%$0+' ('1 ((' " 6 >))P ' ' ' 1 !' /' (!' /' . ' /' - $'K 9⅜ H !;%-8'>)PJ F ' ' ') ' ' / ',0'022!0+'%+$'2%!'%-5' :!'$'9 2%!'2 --02$'-';0$100-' #%-20'%-5' -.!%-5 5*#'-.'$,0' '55!0' .0+'2 -+$%-$!8'0-#'2,05' $,0'+2, !%#+,':'%-5'05*2%$'-'6';$,'2*-$#'0+' ;8'$,0''-6!*0-20'6'40-'6'!0%#-'-.'%-5'%54'-9 '+$#%$'70';'!'$8' ,'+'#02':#2%!''-6!*0-20''+' '!!*+$#%$05';8'$,0'1#3'6'!2*'-'6' #3' H2'LJQ?)KMF %-5'!6#05'H)MP?PK>F ,0' 6#40#'6# 4'L)N'$'LPK'1%+'4%+$0# 6'$,0' %!%20' 2, !'0+$%;!'+,05';8' ,%#!0+'$,0' #0%$'6'1, +0'05*2%$'-%!' :!'28' ,0'1%+' $,0'2,'06''-+$#*40-$'R'-'$,0'4#-'-.'6',+' !'60'S',0'1#$0'R',0'+ 105''-' #'$%'-<%-5'-1' '-'$,0'070-'-.'6'$,%$'!'60',0'20%+05'-$'$' + 1''-' #%-20'S' ,0'05*2%$'-%!' :!%-+' 6 ,%#!0+'$,0' #0%$'+0#705''-'$*#-'%+'%4 50!'6# ,0'6'$,0'-.!'+,'3'-.' !6#05'$,0'6'#+$'.#0%$ #.%-'G0#'6'05*2%$'-''-' -.!%-5 # 4' #0-2,'20-$0#+'6'!0%#-'-.'$,0#0'10#0' 5#%1-'4%-8'6'$,0' #.%-'G0#+'6' -.!'+,'05*9 2%$'-' ,*+' +1%!5' #2,;'+, :' 6' #3' H5' PPNF ,%7'-.' ,'4+0!6';00-' 05*2%$05' %$' !0*#8'-'$,0' '#0''-7'$05'$,0';; $'6' !0*#8' $';02 40'-+$#*2$#'$,0'4 -3+.$$,0%;;08' 6*-505';8'$,0'%#2,;'+, :'%$' %4+08' ,0' #4%-' -U*0+$'+$#0-.$,0-05'$,0'2 --02$'-' ;0$100-' #%-20'%-5' -.!%-5'%-5'6# 4'$,0' #4%-' ;;08'6' 00'6%4 *+'6#'$+'05*2%9 $'-%!'%2$'7'$'0+'2%40' %-6#%-2'2 -+02#%$05' %+' #2,;'+, :'6' %-$0#;*#8'-'>KLK'%-5

-+0!4 2 -+02#%$05 %+ ,'+ +*220++ # '- >KPJ $, 6 $,0+0 %#2, ;'+, :+ 4%'-$%'-05 $,0 2%*+0 6 !0%#-'-. '- -.!%-5 %-5 ;8 $,0'# :!'28 +$#0-.$,0-05$,0 2 -$# ! 6 $,0 ,*#2, '- -.!+,'05*2%$' - ,0 .#0%$ +2, ! 6 ,%#$#0+ &<% %* %$$#%2$05 4%-8 +$*50-$+ 6# 4 #'$%'- % % (,- 6 %!'+;*#8 H5 >>)KF %-5 50!%#5 6 %$,4<<% %*% *$$,0 -'70#+'$8 6 %#'+ 05+2#';05;8 !0E9 %-50# 023%4'%+ 0 (0 6 1%+$,0 .#0%$! 50+$ -0 6 #'$'+,+$*50-$+ %-5 $,0 5 4'-%-$'-6!*0-20 '-$,0 2#0%$' - 6 $,0 -.9 !'+,**-'70#+'$'0+ $'+ :# ;%;!0 $,%$ $,0 !50# E6 #5 +2, !+ # +0 $ $,0 : +'$' - 6 % 0 0 $,# *.,'% 4'.#%$' - 6 +$*50-$+ 6# 4 $,0 -'70#+'$8 6 %#'+ ; #0 $,0 -%40 6 $,0 .#0%$ 5'+:0#+' - 6 $,0 4%+$0#+ %-5 +2, !%#+ 6# 4 %#'+ '- >NNP 4%8 ,%70 ;00-$,0 2,'06 6%2$ # '-$,0 0%#!8 5070! :40-$ 6 $,0 -'70#9 +'$8 6 %4;#'5.0 -0 6 $,0 6 *# -%$' -+ '-$ 1,'2,'$,0 %2*!$8 6 #$+ 1%+ 5'7'505 %$ $,0 -'70#+'$8 6 %#'+ ; #0 $,0 -%40 6 $,0 -.!+,< %-5 $, *.,$,0 !%$$0# +,%#05 $,0'# 404;0#+,':1'$, 0#4%-+ %-5 $,0# +$*50-$+ 6# 4 #$,0#-* # :0$,0 6%2$ $,%$ $,08 .%70 $,0'# -%40 $ '$' +, 1+ $,0'# -*40#'2%!'4: #9 $%-20 '-$,'+ 5'7'+' - 6 *-'70#+'$8 !'60 59 4*-5 '2, 6 ;'-.5 - .0# %2 - %-5 '!!'%4 6 23,%4 10#0 +$*50-$+ %$ %#'+ %+ 10!! %+ %$ E6 #5 ,0 '-$0!!02$*%!' %-5 :0#9 + -%! $'0+;0$100-$,0 $1 *-'70#+'$'0+ 10#0 70#8 2! +0 0+:02'%!!8'-$,0 $,'#$00-$,20-$*#8 E6 #5 #02%!!05 %#'+ '- 2 -+$'$*$' - %-5 '- 2*+$ 4+ $' 4%8 ;0 +%'5 $,%$ #%-20 .%70 -.!%-5 4*2, 6 $,0 6 #4 6 '$+ %-2'0-$*-'9 70#+'$8 '-+$'$*$' -+ %-5 '-+:'#05 -.!+,40-5 1'$,'$,0! 70 6 +2, !%+$'2 :,'! + :,8 '- 1,'2,' $,08 0E20!!05

- $,0 -.!'+,'.#%4 4%# +2, !+ #0-2,''-9 6!*0-20 1%+ +# -.5 1- $ $,0 4'55!0 6 $,0 6 *#$00-$,20-$*#8 # 4 $,0 #4%- -9 U*0+$$,0':*:'!+ 10#0 2 4:0!!05$?'!0%70 $,0'# 1- !%-.*%.0 %-5 $ 2 -+$#*0 $,0'# !0++ -+ '- #0-2, S (,- 50 #07'+% - $05 , 1070#' '- >J)Q $,%$ $,'+ 2*+$ 4 1,'2, ,%5 ;00-:#07%!0-$ 5 1- $ $,0 6'#+$ %:0%#%-20 6 $,0 !%23 0%$,' '- >JMP ,%5 %!#0%58 2,%-.05 + $,%$ R '- %!' $,0 #%4 4%# 2, !+ '- -.!%-5 2,'!5#0- !0%70 #0-2,%-5 2 -+$#*0 %-5 !0%#- '- -.!+,S H 00 # @ %# % 5 ,'+ .#0%$ 2,%-.0 4%8 ,%70 ;00-5*0 $ $,0 4 #$%!'$8 6 $,0 #0-2, :#'0+$+ %$ $,0 $'40 6 $,0 !%23 0%$,' 4<% %* # $ $,0'# 50:%#$*#0 $ 0+2%:0 '$+'-602$' - ,0 ;#0%3 '-'05*2%$' -%! $#%5'$' -$,*+2%*+05;8 $,0 :!%.*0 :0-05 $,0 1%8 6 # $,0 .0-0#%! *+0 6 $,0 4 $,0# $ -.*0 '- $,0 -.!'+,.#%4 4%# +2, !+ - 40$, 5+ 6 $0%2,'-. %$'- , 1070# $,0 !5 '-6!*0-20+ ,0!5 $,0'# 1- -0 6 $,0 $1 %$'-.#%49 4%#+ 4 +I $ *+05 '- 405'07%! -.!'+,+2, !+ 1%+ 1#'$$0-;8 !0E%-50# 6 '!!0 '0*' 4<% %* '- #4%-58 1, 30:$%+2, !'- %#'+ %-5 1# $0 '- >NKP ,'+ ' (+0 0 6 % .#%44%#'- %$'-70#+0 ,# *., *$,0 '59 5!0 .0+ '-5005 $,0 -.!'+,'05*2%$' - 1%+ '- .#0%$ 40%+*#0 %++'4'!%$05 $ 2 -$'-0-$%! 4 50!+ '- 6 #4'-.1,'2, #0-2, 2*!$*#0; #0 % !0%5'-.':%#$

%++'-. 70# $,0 :0#' 5 6 $,0 0-%'++%-20 5*#'-.1,'2, #0-2, '-6!*0-20 '- -.!+,'05*9 2%$' - 1%+ '-$0#4'E05 1'$, $%!'%- 10 2 40 $ $,0 %.0 6 *'+ W 1,0- #0-2, +$%-59 %#5+ %.%'-50$0#4'-05$,0 2 *#+0 6 '-+$#*2$' - %-5$#%'-.'6 #; 8+ '-' 4%-8 6%4'!'0+ ;0! -.9 '-.$ $,0 10%!$,'0# 2!%++0+ 6 -.!'+,+ 2'0$8 ,'+ 1%70 6 #0-2, '-6!*0-20 2*!4'-%05 '- 230 0 ((0(6 :*;9 !'+,05 '- >OPJ - 230 $,0#0 %#0 4%#305 $#%20+ 6 $,0 '-6!*0-20 6 -$%'.-0 6 0+9 2%#$0+ %-5 6 $,0 0-$!040-6 #$ 8%! , 0'+2, !; 3+:0:%#05;8 $,0 #$? 8%!'+$+ 10#0 *+05 '- -.!%-5 %-5;02%40 %4 50!6 # $,0 1#'$0#+ 6 %$'-%-5 #003 .#%44%#+6 # *+0 '- -.!'+,+2, !+ ,0 +$#0-.$,6 #0-2, '-6!*0-20 *: - -.!'+,''50%!+ 6 05*2%$' - 5*#9 '-.$,0 6'#+$,%!6 6 $,0 0'.,$00-$,20-$*#8 '+ +, 1-'- #5 ,0+$0#6'0!5 + 6 ?' #0-2,4%- S ,0 1#'$0+ R 1, 1'$,'%6*-5 6 7'#$*0 !0%#-'-. %-5 . 5 +0-+0 ,%+ $,0 4%--0#+ %-5 . 5?;#005'-. 6 ,'+ 2 *-$#8 '+ $,0 :0#602$' - 6 ,*4%-'-%$*#0 ,'+ :0#6029 $' - 8 *' 4%8 %##'70 %$ '6 8 *' :!0%+0 %-5 , :0 8 *'1'!! 5 + S ;0,%70 '-%!! 2 49 :%-'0+ %+ % 2*!$'7%$05 #0-2, .0-$!04%-5 1 *!5;0,%70 1%+ $,0 +$%-5%#5 6 4%--0#+ $ 1,'2,',0 4 +$ 50+'#05 $,%$,'+ + *!5 %$$%'- , *.,$,0 1#'$'-.+ 6 !!'- $,0 '-,0#'$ # 6 $,0 $#%5'$' -+ 6 #$ 8%!'$,0 05*2%$' -%!'-6!*0-20 6 #%-20 :0#2 !%$05 70#8 1'50!8 $,# *., -.!'+,$0%2,'-.''-$,0 4'55!0 6 $,0 0'.,$00-$,20-$*#8 6 +$*58 1,'2, #0-2, 1#'$0#+ 4%50 #'2*!* 4 6 +$*58 1,'2, #0-2, 1#'$0#+ 4%50 : :*!%# %$$#%2$05 (+0:, #'0+$!08 4<% %*6 1, ' %- ! / 2 0(# / (/ 6 :*;!'+,05 '- >LOQ %57 2%$05 %-01 '50%! 6 !';0#%! 2*!$*#0 '- $,0 05*2%$' - 6 $,0 -.!'+,4'55!0 2!%++0+ $,0-#%:'5!8 #'+'-.' '- + 2'%! '-6!*0-20 %-5 : !'$'2%!' : 10#

,0 1#'$'-.+:6 "-0! -%-5 6 %5%40 50 %4;0#$ H>OML?>LJJF .#0%$!8 '-6!*0-205 -.9 !'+,'50%+ %;*$ $,0 05*2%$' - 6 .'#!+ -.!'+,';3 5'5 4 #0 $ #%'+0 $,0 4 #%!+$%-59 %#5+ 6 .'#!+ 05*2%$' -$,%- $,0 . 0 6 :*;!'+,05 '- >LN) ;8 !!'%4 %1 ,'4+0!6 % 2%#06*!'+$*50-$ 6 -0! - ,0 1#'$0#+ '- $,0 #0-2, (!('-6!*0-205 $,0 $, *.,$ 6 5%4 4'$,' 1, +0 #060#0-20+ $:*;!'2 05*2%$' - '- $,0 / - H 3 ,%:$0# #$'2!0 F :*;!'+,05 '- >LLO .#0%$!8 %6602$05 -.!'+,: !'28 '-#0.%#5 $ 05*2%$' -%! U*0+$' -+ 0++%8 -0-5 140-$+ H 1F 1#'$$0-;8 *#. $ '- >LQO +0040+$,%70 4%50 % 500:''4:#0++' -*:-'$,0 4'-5 6 5%4 4'$,' -'$,'+ :%:0# *#. $ 0-50%7 #05 $ 504 -+$#%$0 $,0 ;9 +$#*2$'70 06602$+ 6 05*2%$' -%! %-5 $,0# 0-9 5 140-$+ '- -%$' -%! !'60 - $,0 / - 5%4 4'$,'%#.*05 $,%$ $,0 0-5 19 40-$+ 6 +2, !+ %-5 2 !!0.0+ ,%5 5'4'-'+,05

$,0 -020++'$8 6 %::!'2%$' -' '-' $,0 $0%2,0#+' %-5 ,%5 :# ! -.05 %220:$%-20 6 0E:! 505 %-5 %-$'U*%$05 :'-' -+' '+ :#%2$'2%!' '-60#0-20 1%+ $,%$' '-' +02 -5%#8 %-5 ,'.,0# 05*2%$' -' 7 !*-$%#8 066 #$ %-5 $,0 6#00 :!%8 6 +*::!8 %-5 504%-5 1 *!5 %!1%8+ %22 4:!'+,' 4 #0 $,%-' 0-5 105 '-+$'$*$' -+' $,0 0E'+$0-20 6 1,'2,' ,%4:0#05 $,0 .# 1$,' 6 '-50:0-50-$ '-'$'%$'70 $'$,0 +%40 $'40 ,0 1%+ 6 #205 $ %54'$',%$ $,0 $%$0 +, *!5 '4: +0 *: -' R $,0 1, !0 ; 58 6 $,0 :0 :!0 $,0 -020++'$8 6 %29 U*'#'-.' $,0 4 +$ 0++0-$'%!' :%#$+ 6 05*2%$' - S' *$''-' $,*+ %23- 1!05.'-.'$,0 -020++'$8 6 + 40 40%+*#0 6 . 70#-40-$%!' '-$0#70-$' - 5%4' 4'$,!+ +2,040 0!!' 6%# +, #$ 6 $,0 !%$0# 05*2%9 $' -%!' :!%-' 6 *#. $'2 -$%'-05' '-' $,0 !%$$0#!+ 404 #'%!' $' $,0 '-.' 0 ' 0 (6 1#'$$0-' '-' >LLQ' -' 6%2$' 5%4' 4'$,' #06!02$+ $,0 6'#+$:,%+0 6 #0-2,' #07 !*$' -%#8 '-6!*0-20 '-' -.!'+,' 05*2%$' -%!' $, *.,$' 0 +,%#05 1'$,' $,0 #0-2,' %5'2%!+' % 5'+$#*+$ 6 022!09 +'%+$'2%!' 2 -$# !' '-' :*;!'2 05*2%$' -' %-5 % 50+'#0 $' +100:' %1%8$,0' 10# 6 %-2'0-$ 05*9 2%$' -%!' 0-5 140-$+' -' $,0 .# *-5 $,%$ $,0+0 10#0 4%'-!8 2 --02$05 1'$,' 2!0#'2%!' 066 #$' 0 %!+ ':0#20'705 $,%$' '-':!%20 6 $,0 ,*#2,' $,0 $%$0 4*+$ 0-6 #20 %$!0%+$ % 4'-'4*4' 6 05*2%$' -%!' 5'+2':!'-0 $,# *., *$ $,0 -%$' -' *$,0#0 ,0 +$ ::05' 1,'!0 ,'+ #0-2,'2 -$04: #%#'0+ 10#0+1'6$!8 2%##'05 6 #9 1%#5 $' $,0 : '-$ %$ 1,'2,' $,08 %57 2%$05 % +$#'-.0-$ 6 #4' 6 +$%$0 2 -$# !' 70# %!' .#%50+ 6 +2, !+ %-5 2 !!0.0+' # 4' %; *$ >LOK $' >)>K' #0-2,'+:02*!%$' -',%5 % 5 *;!0'-6!*0-20 *: -' -.!'+,' 05*2%$' -%!' :'-' -' -0 +'50 6 '$+' -6!*0-20 1%+ !';0#%$'70 %-5 %-$%. -'+$'2 $' !5'2 -70-$' -+' $0-2 *#%.05 % #0$*#-' $' -%9 $*#0 '-' 05*2%$' -%!' 40$,5' $ 500:0-05' $,0 5'+!'30 6 !5 0-5 140-$+ %-5 5#01' %$$0-$' -' $ ',0'# $ #: #''-0!%+$'2'$8 %-5 6%'!*#0 '-' :*;9 !'2 5*$8 ,'+ +'50 6 $,0 '-6!*0-20 6 #0-2,' #07 !*$' -%#8 $, *.,$' +$# -.0+$ $,# *.,' *++0%*' +, 105 '$+0!6 '-' %#8 !!+$ -07 2#%6$ (' /' " ' /' H+00) #' % ' (* #!' %/ 5' 1'$,' '$+' %#.*40-$ 6 # 2 05*2%$' -' ; $,' '-' 0!040-9 $%#8 %-5 +02 -5%#8 +2, !+ '-' $,0 1#'$'-.+ 6 '2,%#5 70!!' 5.01 #$,' 4% % %6 %-5 ,'+ 5%*.,$0#' %#'% 5.01 #$,' &<% %*6 %-5 '-' $,0 05*2%$' -%!' 0E:0#'40-$+ 6 ,4%+ %8 &<% %*6 ,0 $,0# %-5 2 -6!'2$'-.' $0-50-28 6 #0-2,' #07 !*$' -%#8 $, *.,$' '-' 05*2%$' -' 1%+ $ 1%#5 + 40 4 #0 +$#'-.0-$ 6 #4' 6 :*;!'2 2 -$# !' 70# %!' .#%50+ 6 +2, !+ ,'+ '-6!*0-20 +, 105 '$+0!6 '-' % #*5'40-$%#8 6 #4' '-' 5%4' 4'$,!+ / - 6 ;*$ 4 #0 2 -9 +:'2* *+!8 %-5 1'$,' ! .'2%!' 2 4:!0$0-0+' '-' ;0#$ 10-!+ - $' $' /'. (!' H>)>OF' ,0+0 $1 ' 2*##0-$+' 6 $, *.,$' ,%5 % 5 *;!0 066020$ *: -' $,0 4 #0 2 -+0#7%$'70 +'50 6 -.9 !'+,' 05*2%$' -' ,08 :# 5*205 % 4 7040-$ 6 # +0!6?#06 #4' 1'$,'-' $,0 !50# 0-5 105 '-+$'9 $*$' -+ %-5 %$$,0 +%40 $'40 $,08 4%50 :*;!'2 :'-' -' #0!*2$%-$ $ ' +%-2$' -' %-8 .#0%$ 0E$0-9 +' -' 6 05*2%$' -%!' :: #$*-'$'0+' 6 # 60%# !0+$ $,0 +*550-' '-2#0%+0 6 ; 3' 3- 1!05.0 +, *!5 :#02':'$%$0 7' !0-$:!'$'2%!' 2,%-.0 ,0 #09 6 #4+ %$ E6 #5 '-' $,0 0%#!'0+$ 80%#+ 6 $,0 -'-0$00-$,' 20-$*#8 $,0 '-2#0%+05 %2$'7'$8 6 4%-8 6 $,0 !5 0-5 105 +02 -5%#8 +2, !+ %-5 $,0 0-0#.0$'2 066 #$+ 6 $,0 , *#2,' 6 -.9 !%-5 %-5 $,0# #0!'.' *+; 5'0+$ ' .#%::!0 1'$,' $,0 05*2%$' -%!' 50+$'$*$' -' 6 $,0 4%++0+ 6 $,0 :0 :!0 % 1 #3 1,'2,',%5 $,0 ,0%#$8 +*:: #$ 6 #5+1 #$,%-5 !0#'5.0 10#0 '!!*+$#%$' -+ 6 $,0 6'#+$ #0+*!$' ,0 #0&02$' -' 6 #' ,'$9 ;#0%5 '!! 6 # !040-$%#8 5*2%$' -''-' >)KL 1,'2,' '6 2%##'05 %$'$,0 $'40 1 *!5',%70 %-$'2'9 :%$05 + 40 6 $,0 .#0%$ #06 #4+ 6 >)LK +, 105 , 1 :$0-$ 10#0 $,0 60%#+ $ ' 1,'2,' #0-2,' #07 !*$' -%#8 $, *.,$ %-5 %2$' -' .'70-'#'+0 %4 -.'$,0 4 #0 2 -+0#7%$'70 2!%++0+ 6 -.!'+,' + 2'0$8 #0-2,''-6!*0-20''- .!'+,'05*2%$' -'5*#'-.' $,0 20-$*#8 >)>K?>P>K 6%!!+ *-50# $,#00 4%'-' ,0%5+ H>F :,'! + :,'2%!' HNF :!'$'2%!' HJF %59 4'-'+$#%$'70 >' -' $,0 5 4%'-' 6 5'#02$:,'! + :,'2%!' '-6!*0-20+' $,0 -%40+ 6 $,#00 #0-2,' $,'-30#+ %#0 6 :#004'-0-$ +'.-'6'2%-20 '-' $,0'# #0!%$' -' $ -.!'+,' 05*2%$' -%!' $, *.,$' / 0!7"$'*+' %'-$? '4 -' %-5 *.*+$0 40$' 0!7 $'*+' 4<% %* ,%5 % +$# -.' :+$,*4 *+' -6!*0-20 *: -' ;0#$ 10-' (0#048 0-$,%4' %-5' 0 #.0 4 ;0 &<<% %* ,0 #0%!'+4' 6 ,+' :!'$'2%!' $, *.,$' $,0 04:,%+'+' 1,'2,' ,0 :!%205 *: -' :0#+ -%!' '-$0#0+$ %+' $,0 :#'4%#8 4 $'70 6 %2$' -' ,'+;0!'06 '-' $,0 4 -': $0-28 6 05*2%9 $' -' %-5','+2 -7'2$' -' $,%$ $,0#0 4*+$;0 % 2! +0 ; -5 ;0$100-' $,0 !'60 6 $,0 '-5'7'5*%!' %-5 $,%$ 6 $,0 2 4 4*-'$8' +, 105 $,04+0!70+' '-' -.!'+,' $, *.,$ H%F '-' % .# 1'-.' 5'+: +'$' -' $ #02 .-'G0 $,0 2!%'4 6 070#8 '-5'7'5*%!' $ ' 0U*%!' 05*2%$' -%!' :: #$*-'$8 H F '-' $,%$' '-5'7'5*%!'+$'2 *$'!'$%#'%-'+4 1,'2,' $ 3 #%$,0# % 4%$$0#? 6?6%2$ %-5 :# +%'2 7'01 6 $,0 2 *#+0 6 '-+$#*2$' -' H2F '-' '4:%$'0-20 1'$,' 1,%$070# ;+$#*2$05 $,0 +:#0%5 6 $,'+ 6$01 05*2%$' -%!' 50%!' %-5 & *'-' %-' *-50#2*##0-$ 6 2 !!02$'7'+$ $, *.,$' -' 4%$$0#+ 6 +2, ! #.%-'G%$' - ' $,0 '-6!*0-20 6 0!7"$'*+ $,%$ 6 %'-$? '4 - H>LOK?>)NQF %-5 ,'+ 6 !! 10#+ 1%+ % 2 ##02$'70 $'+, 105 '$+0!6 0+:02'%!!8 '-' $,0 2,%-.0 6 $ -0 '-' $,0 1#'$'-.+ 6 (,-' $*%#$ '!! &<% %* 6# 4 >)JK -1%#5+ '-' $,0 .#%5*%!' 10%30-'-.' 6 $,0 +:'#'$ 6 %-$'?. 70#-40-$%!' ;=/ 1,'2,' ,%5 %%602$05 4*2,' 6 -.!'+,' !';0#%!'+4 '-' %6#0+,!8 3'-5!05 :%++' -' 6 '-$0#0+$ '-' $,0 : # %-5 :'$8 6 # $,0'# 2 -5'$' - %-5 - $!0%+$' '-' % +$# -.' 2 -7'2$' -' $,%$ 1 40-' +, *!5 0-& 8 ' + 2'%!' %-5 05*2%$' -%!' :: #$*-'$'0+' 0U*%!' $ ' $, +0 6 40-' ,0 '-6!*0-20 6 4$0 &<% %* %-5 6 +'$'7'+4 +, 105 '$+0!6 4%'-!8 '-' % .# 1'-.' ;0!'06 '-' +2'0-20 %+ $,0 2,'06 6%2$ # '-' 05*2%$' - $ %!+ 10%30-05 $,0 4;#0 6%-%$'9 2%!' 3'-5 6 %-$'?2!0#'2%!'+4' ;8 04:,%+'G'-.' $,0 -005 6 # % +:'#'$*%!' %*$, #'$8 '-' -%$' -%!' 05*9 2%$' - N' ,0 : !'$'2%!' '-6!*0-20 6 #0-2,' $, *.,$' *: -' -.!'+,' 05*2%$' -%!' %66%'#+ 20-$0#+ 2,'06!8

*-5 $,#00 5%$0+ >)JJ 1,0- *'G $ #9 .%-'G05 #0-2, 0!040-$%#8 05*2%$' -< >)QK 1,0-'$,0 5 0 #02 .-'G05 $1 $8:0+ 6 0!040-$%#8 +2, ! 7'G :*;!'2 +2, !+ 4%'-9 $%'-05 ;8 $,0 2 44*-0+ %-5 :#'7%$0 -0+ 4%'-$%'-05 ;8 '-5'7'5*%!+ # ;8 #0!.' *+ %++ 9 2'%$' -+< %-5 >))>' 1,0-(*!0+ 0##8 &<% %* %; !'+,05 +2, ! 600+ %2, 6 $,0+0 $,#00 40%+*#0+ ,%5 % 5'#02$ '-6!*0-20 *: -.!'+, 05*2%$' - *'G $%+ %2$ 6 >)JJ ,0!:05 '- 2-7'-2'-. -.!'+,'+$%$0+40-$,%$ $,0 . 70#-9 40-$ 4*+$ $%30 % 4 #0 %2$'70 :%#$ '-+*:0#'-9 $0-5'-. $,0 1 #3 6 0!040-$%#8 +2, !+ %-5 $,*+ ,0!:05 '-+02*#'-.'$,0 6'#+$ 7 $0 6 # $#%'-9 '-. 2 !!0.0+ H$,0 -%40 6 1,'2, R - #4%!+2, ! S 1%+ $%30-6# 4 #%-20F '- >)JQ -5 $,0 0+$%;!'+,40-$ 6$,0 44'$$00 6 *-2'!- 5*2%$' - $,0 .0#4 6 $,0 5*2%$' - 09 :%#$40-$'-' >)JP ,0 5 0 6 >)QK :# ;%;!8 +*..0+$05 H- $' $ #+$0#';*$ $ $, +0 1, +0 '50%+ '-6!*0-205 ,'+ %54'-'+9 $#%$'70 :# : +%!+F $,0 :!%- 6$,0 5*%! +8+$04 6 ; %#5 +2, !+ %-5 7 !*-$%#8 +2, !+ 0%2, #02 .-'G05 %-5 %'505 ;8 $,0 $%$0 1,'2, 1%+ $,0 20-$#%! 60%$*#0 6$,0 !040-$%#8 5*2%9 $' - 2$ >)LK ,0%; !'$' - 6600+ '- #0-2, 0!040-$%#8 +2, !+ ;8 (*!0+ 0##8 '- >))> 1%+ $%30- %+ % :#02050-$ H$, *.,' - $ $,0 -!8 :#02050-$F 6 # $,0 !040-$%#8 5*2%$' - 2$ >)P> 1,'2,7'#$*%!!8 '-$# 5*205 6#00 05*2%$' - '-$ -.!%-5

J ,0 %54'-'+$#%$'70 '-6!*0-20+ 6 #0-2, 05*2%$' - ,%70 - $;00-!0++ '4: #$%-$ $,%- $,0 : !'$'2%! 4 -.$,0 2,'06 6 $,04 4%8 ;0 -%405 $,0#02 *#+0 $:0-2 4:0$'$' -+ %40$, 5 6 6'!!'-.': +$+ %$ $,0 5'+: +%! 6 $,0 70#-40-$< $,0 '50%' 6 ,'.,0# 0!040-$%#8 +2, !+< %-5 $,0'-2!'-%$' - $ #04 70 #0!'.' *+ '-+$#*2$' - 6# 4 $,0 2*##'2*!* 4 6 +$%$0?%'505 +2, !+ %-5 $ +*;+$'$*$0 6 #'$' + 40 6 #4 6 4 #%!'-+$#*2$' - *: -< %:,'! + :,'2%! ;%+'+

O60#0-20+ /

-.!%-5 %#5 6 5*2%$' - . ('" O# ('.02: (6 ! : : ' N)Q 66
< ! 1 O + 4 O H %#'+ >PKL F
' (' 0 2 !6 : : ' >OJ 66
' (' ' 50 . O(6 : : ' NK %-5 JJJ H(' 0;*23!+ +:002, ' >)JJ F H %4;#'5.0 ' >PKN F
,% 55#0+ -#0-2, -6!*0-20+ '- -.!'+, 5*2%$' - '-' $,0 " (/ / !' / 6 _ S[% H -5 - ' >PKL F

/ ' "'3 #* / &%#'

H>)NM?>)))F / -+$'9 $*$0 2 -5*2$ # %-5 $0E$; 3 %*$, #< 05*2%$05 '- $,0 2 4-, +2, !+ 0 1%+ $0%2,0# %-5 :#'-2':%! 6 +2, !+ '- 01 #3 %-5 --02$'9 2*$ +*:0#'-$0-50-$ 6 $,0 +2, !+ %$ 8#%2*+0 %-5 $%$0 *:0#'-$0-50-$ 6 2, !+ 6 0#4 -$ '-+$#*2$ # '- $,0 !;%-8 #4%! 2, ! %-5 :#'-2':%! 6 $,0 $%$0 #4%! 2, ! %$ -5'%-% % *#'-.', +! !%+$ 80%#+ ,0 1%+ '-+$'$*$0 2 -5*2$ # '- 01 #3 0 1%+ $,0 %*$, # 6 +070#%! 4 %$,04%$'2%! %-5 .0 .#%:,'9 2%! $0E$; 3+ %-5 % 1 #3 -6 #4 +$*58 %-5 5#%1'-.

)) ? / 00 #
%# % *' %# ' % *' #' ' , ' *
? / 00 & %#' ' '% #' # 4 *6 * %
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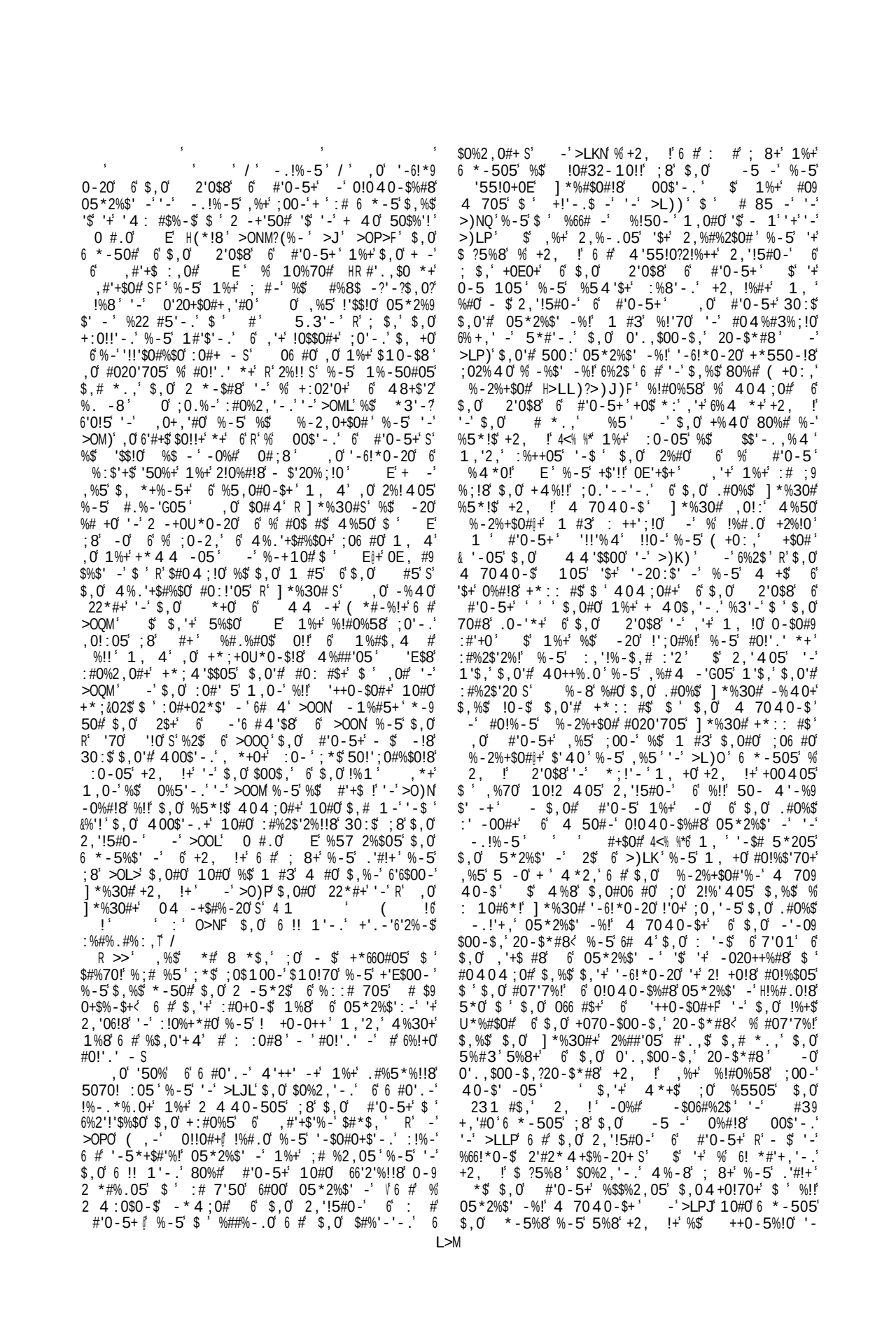
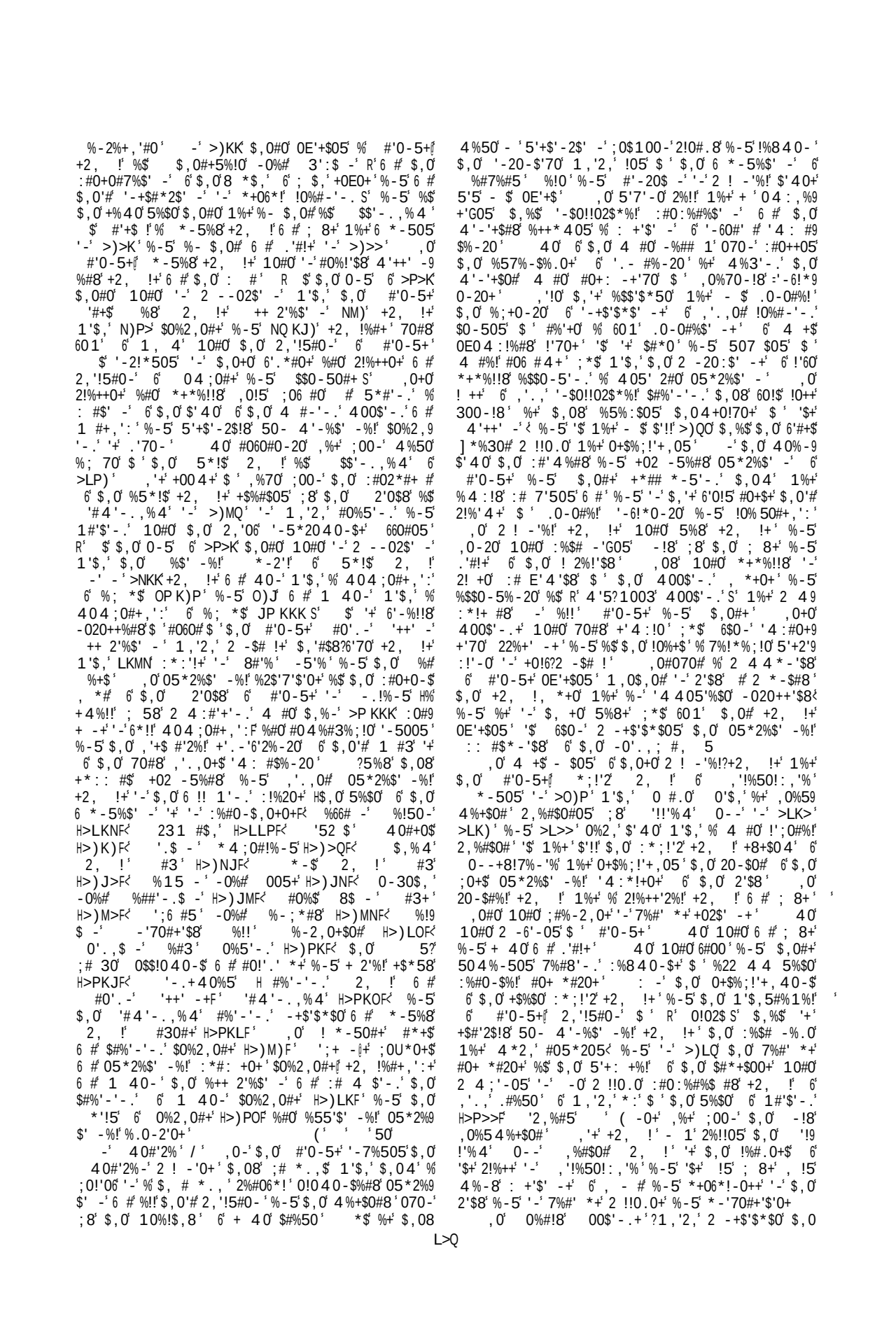
7 H>)JN?>)P>F / 0#4%- +2, !4%-< ; #-''-2,4'$G5 #6 -0%# %.509 ;*#. 0 #020'705 ,'+ 0%#!8 05*2%$' - 6# 4 ,'+ 6%$,0#' % *$,0#%-' :%+$ #' $' $,0 %.0 6 $,'#$00-,0 0-$0#05 $,0 (%2,'4+$,%! H.849 -%+'*4'-' 0#!'-' 1,0#0 ,0 2%40 *-50# $,0 '-6!*0-20 6 '0+0 4<% %* -' >)Q> ,0 ;02%40 % +$*50-$'-$,0 -'70#+'$8 6 0#!'-';*$'-$,0 6 !! 1'-.'80%# ,0 10-$$ %!!0 1,0#0 ,0+:0-$ $,#00 80%#+ '- $,0 +$*58 6 :,'! ! .8 %-5 ,'+$ #8 507 $'-.'+ 40 %$$0-$' -%!+ $:,'9 1%+ '- -+$%-$'- :!0 %+ $,0 $*$ # 6 $,0 + -+ 6 $,0 #*++'%-'%4 ;%++%5 # 6$0# +0#7'-.'6 # +070-' 80%#+ %+ % $0%2,0# '- 7%#' *+ #*++'%-' .84-%+'% ,0 1%+ :# 4 $05 $ % %:#'-2':%!+,':' %$ $,0 0%#!8 %.0 6 $,'#$8?$1 80%#+ %-5 '-)K #020'705 $,0 %:: '-$40-$ %+ '#02$ # 6 $,0 5 (9 (. /0 '- %!!0 0 #0-0105 $,0 . 0 + (0 6 1,'2, ,%5 ;00-'6 *-505 ;8 #%-230 ;*$,%5 20%+05 $ 0E'+$ +'-20 %; *$ >LPQ ,'+ '-+$'$*$' - ;02%40 % 4 50!6 # $,0 $#%'-'-.'2 *#+0+ 6 # $0%2,0#+ 6 $,0 2!%++'2%! +2, !+ $,%$ 10#0 0+$%;!'+,05 '-2--02$' - 1'$,% -*4;0# 6 .84-%+'*4+ '- #*++'% %-5 $,0# 0#4%-+$%$0+ -)M ,0 6 *-505 $,0 :05%. .'2%! 4%.%G'-0 2 0 6 '-1,'2, U*0+$' -+ 6 40$, 5 !.8 10#0 $#0%$05 %-5 4 50!'!0++ -+6 # $,0 ,.,0# +2, !+ 10#0 :*;9 !'+,05 '+ 40$, 5+ 10#0 ;%+05 -0#;%#$+ :05%. .8 %-5 $0+$05 ;8 ,'+ 1-2!%++# 4 0E:0#'0-20 0'-+'+$05 -$,0-020++'$8 6 % :05%. .'2%! :#0:%#%$' -6 # $,0 $0%2,0#+ 6 $,0 ,'.,0# +2, !+ %-5 $,0 6%2$ $,%$ $,'+ -020++'$8 '+ %$:#0+0-$ .0-0#%!!8 #02 .-'G05 '- 0#4%-8 '+ $ % !%#.0 0E$0-$ 5*0 $ $,0 066 #$+ 6 #'23

O60#0-20+ /

$ #'(' ' ' /' (/ '. (! .(1 # ' # $$ ' #'23< 0'- 0;0-+ *-5 ,%#%3$0#;'!5 - 0 8 6 >)PJ ! ' :: ' M)>?QKQ #'(' (! T (1 20(' + 96 +7'5 (9%



L>M



!%#.0+$.# *:'-.'-'$,0 022!0+'%+$'2%!' +8+$04' 6 #'0-5+' 1,'2,' 10#0' $,0' *!$'4%$0' %*$, #'$'0+' %-5 2 70#05' $,0' $0##'$ #8' 6# 4' , 50' +!%-5' $' #$,' %# !'-%' %.%'-' %-5' %.%'-' #02 49 40-505' $,0' 0+$%;!'+,40-$ 6' +2, !+' -' ;05'0-20' $' +*2,' ;0,0+$+' $,0' ! 2%!' 400$'-.+' 1 *!5' + 40$'40+' *+0' $,0' 400$'-.', *+0' # 4 #0' 6$0-'1 *!5';*'!5'%+0:%#%$0'+2, !, *+0' %-5' $,0' +2, !' 1 *!5';0.'-'-'% +4%!' 1%8' *2,'+2, !+' 10#0' $%*.,$';8' #'0-5+'%-5':%$# 9 -'G05';8' #'0-5+' %-5' $,0#+' ' 2 44'$$00' 6' $,0' 400$'-.' 1 *!5' 7'+'$' $,04':0#' 5'2%!!8' %-5' 2! +0!8'+*:0#7'+0' $,0'# :0#%$' -+' ,08' 2#0%$05' % 50+'#0' 6 # 05*2%$' -' %-5' :#%2$'2%!!8' 50+$# 805' %!!' %;+ !*$0' '!!'$0#%28' 8' $,'+' .0-0#%!' 05*2%$' -' $,08' :#0:%#05' $,0' 1%8' '-' 4%-8':!%20+'6 #' $,0' 4 #0'2 4 :!0$0'+$%$0'+8+$04' 1,'2,'6 !! 105

,0#0' 10#0' 4%-8' :# ;%;!8' %-' *-*+*%!' -*4;0#' 6' +0!6?05*2%$05' #'0-5+'-' $,0' 0'.,$9 00-$,' 20-$*#8' ,'+' 05*2%$' -' 1%+' 6$0-' '-' +:02'%!' +*;&02$+' $%-8' %-5' $,0' -%$*#%!' +2'0-20+',%5' !0%#-05' 507 $00+' %-5' 10' #0%5' 6' 6%# 40#+'%-5' $#%50+40-' - $'% 601' 1,'0-& 805' 2!%++'2%!' #0%5'-.' # $,0'+ !7'-.' 6' 4%$,04%$'2%!' :# ;!04+' -' 2 ! -'%!' ,'!%50!:,'%' %+' 10' '-60#6# 4'$,0'C 0 ' /'C '. '%-5' $,0#' + *#20+'$,0#0' 1%+'%'.# *:'1,'2,'0-& 805'#%$,0#' 1'50' #0%5'-.' %-5' % +2, !%#!8' %+:02$' $ 1%#5' !'60i+':# ;!04+'%+' 10!!' %+'%-'0%#-0+$%-5':#%2$'9 2%!'%:'#02'%$' -' 6' $,0'#0+: -+';'!'$8' 6'2'$'G0-+ 6$0#' $,0' 07 !*$' -' $,0'%.0' 6' ;%#5'-.' +2, !+' :0-05' ,08'10#0'-$0-505'$'.%$,0#' '-' $,0' ;0$$0#;8+'%-5'.'#!+'6# 4'$,0'+2%$$0#05' 5'+$#'2$+' 1,0#0'. 5' 5%8' +2, !+',',.,0#$,%-' 0!040-$%#8' 2 *!5' -$';0' 4%'-$%'-05' -' >L)M' !%#.0!8'$,# *.,'$,0'-6!*0-20' 6' +0+' # 1-'%+4%!!' +2, !' 1%+' :0-05'-' #$+9 4 *$,' ' 1,'2,',%5'%+$#*..!'-.' 0E'+$0-20' 6' 6 *# 80%#+' $+' :# :0#$8' 1%+' ,*+;%-505' %-5'-' >)Q M' $,0'+2, !' 1%+' #0 :0-05'-' # 7'9 50-20' 1,0#0'$',%+';00-'-'+*220++6*!' 0E'+$0-20' +'-20' - 1',%7'-.' $,0' -%40' 6' '$+' 6 *-50#' $',%+' %!1%8+';00-' 4%-%.05';8'% 2 44'$$00' 6' 01' -.!%-5' 0%#!8' 00$'-.' %-5',%+' 04;#%205' ;$,' ;8+' %-5'.'#!+' 6' $,0' 2 !!0.0' :#0:%#%$ #8' +$%.0' 6' %57%-2040-$' - $,0# ;%#5'-.'+2, !' 1%+' :0-05'%$' %++%!;#' 0' '-' >)QK' ,0' 01' #3' #'0-5+' '-' >LP0' 6 *-505'%+2, !'%$' '-0' %#$-0#+' ' ,'+' 1%+'%6$0#1%#5+' 4 705'$' $,0'+, #0+' 6' %8*.%' %30'%$' -' -' :#'-.+'%-5'+'- 1'$,0' %31 5' 04'-%#8

-' ,'!%50!:,'% 0%#!8' 00$'-.'$,0#0' 1%+' $,0' +$# -.0+$' 05*2%$' -%!' +8+$04' 070#%!' 5%8' +2, !+' 6' . 5' .#%50' 10#0' 6 *-505' 0%#!8' '-' $,0' -'-0$00-$,' 20-$*#8';*$'$,0'.#0%$' 066 #$' 20-$0#05' '-' 0+$$ 1-' %#5'-.' 2, !' '-' $,0' 2 *-$#8'+ 40'$10-$8'4'!0+' 10+$' 6' ,'!%50!:,'%' $' 1%+'% 2 4;'-05' 066 #$' $, *.,'(,-' '239 '-+ -' $,0' R':0-4%-' 6' $,0' 07 !*$' -' S' %-5' 10-' '55!0'%!+'% 07 !*$' -%#8' 66'2'%!',%5' %+' 4*2,' '-6!*0-20' %+' %-8' '-' '$+' #'.'-' $' 1%+' :0-05'-'>LPP' %-5' %! -0'%4 -.'$,0'+029 -5%#8' #'0-5+' 2, !+' 6' $,0' 2 ! -'%!' +$%$0+ '$' ,%+' #0$%'-05' '$+' 0E2!*+'70' 2,%#%2$0#' - -0' ;*$' #'0-5+';0'-.'%54'$$05' ,0#0' '+' %!+' % +8+$04' 6' +4%!!' :#'4%#8' +2, !+' +2%$$0#05' $,# *.,'$,0'2 *-$#8'%-5'%-*4;0#' 6'0E20!!0-$ +02 -5%#8' 5%8' +2, !+' '-' ,'!%50!:,'%' %-5' +*;*#;%-'$ 1-+' -'%55'$' -' $' $,0' +2, !+' 4%-%.05';8'2 44'$$00+' 6'$,0' 00$'-.+'$,0#0' 10#0':#' #$'$,0'0+$%;!'+,40-$' 6'+$%$0' +2, !+' %!%#.0'-*4;0#' 6':#'7%$0'%2%5040'0+' +2, !+' 1,0#0' 4*2,' '-5'7'5*%!' 1 #3' 1%+' 5 -0' *-9 60$$0#05';8' $,0'.#%50'+8+$04' +' 4%-8' 6' $,0+0' 10#0' 1-05';8' #'0-5+'%!4 +$'$,0' 1, !0' U*0+$' -' 6':#'4%#8' %-5' +02 -5%#8' 05*2%$' -' 6'+*$,0%+$0#-' 0--+8!7%-'%'%-5' 0+$'(0#+08' *:'$'>)MK' 1%+'*-50#']*%30#'-6!*0-20

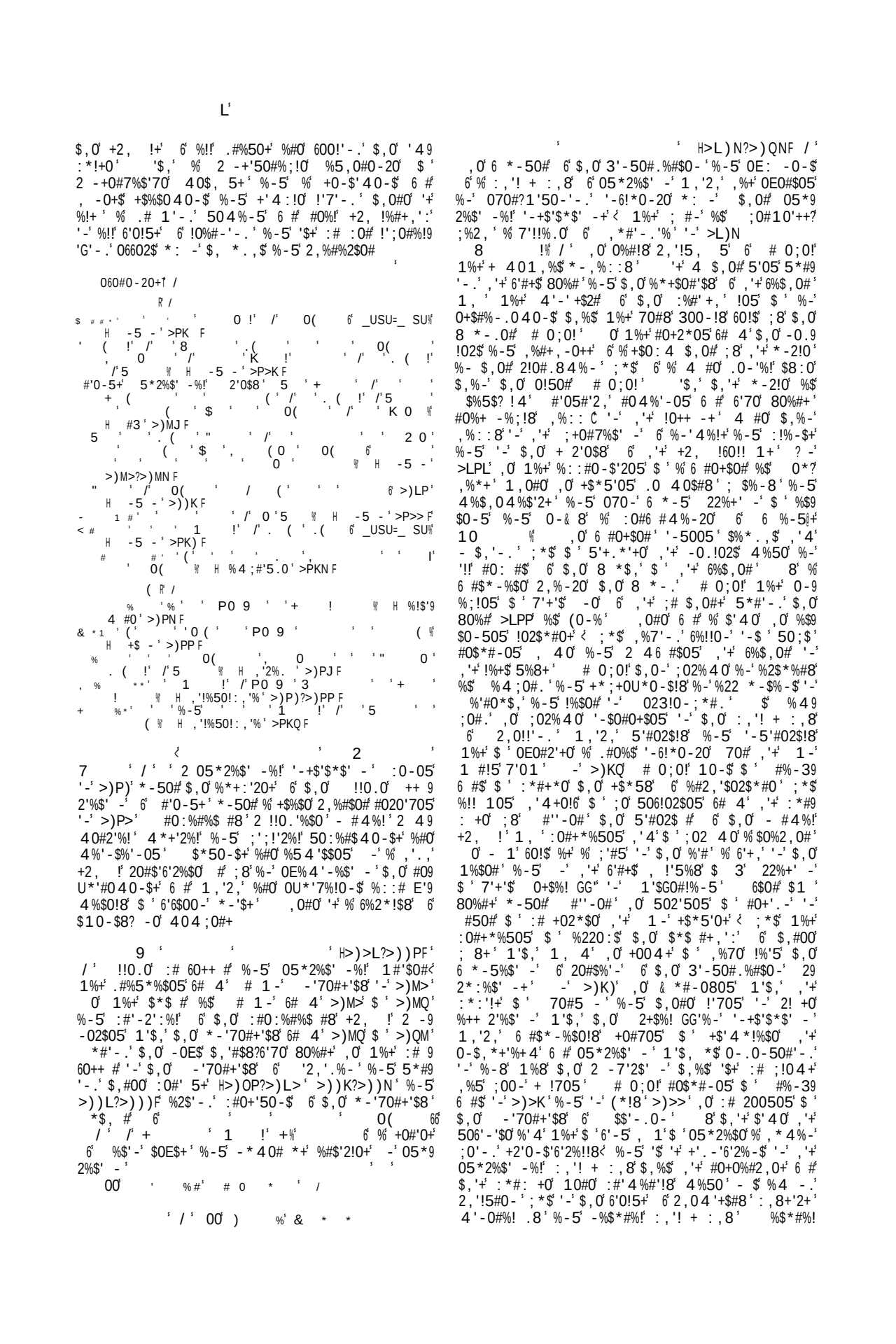
%!$'4 #0' 0%#!8' 00$'-.'+$%#$05'% ;%#59 '-.' +2, !' %$' %-58' :#'-.+' 5' 1,'2,' :0-05'-'>)>L' 6$0#'%+$#*..!'-.'0E'+$0-20' 6' %;*$'-'-0'80%#+'$' 1%+'+!5'%-5' $,0':# 2005+' *+05' 5'#02$!8' 6 #' $,0' 05*2%$' -' 6' #'0-5+' 2,'!5#0-'-' $,0#' +2, !+' -' #$,' %# !'-%' $,0' 0%#!8' 00$'-.'0+$%;!'+,05' 01' %#50-' %#5'-.' 2, !'-1' *'!6 #5' !!0.0'-'>)JO ,0'05*2%$' -''-'$,0+0' ; %#5'-.'+2, !+'1%+' 6' % +'4:!0'$, # *.,' + #$' ,0' 2*##'2*!*4' '-'0%#!8' 5%8+' 1%+' .#0%$!8' !'4'$05' $,0#0' ;0'-.' ;*$'!'$$!0' 2!%++'2+' # 4 50#-' !%-.*%.0+' ,0' .#0%$' +$%:!0+' 10#0' 4%$,04%$'2+' ;+0#7%$' -%!' +2'0-20' %-5' -.!'+,' .#%44%#' ,0' #*!0+' 10#0' #'.'5' 4%50' ;8' +*::+05!8' 1'+0' 40-' %22 #5'-.' $' $,0'# '50%+' 6' #'.,$%-5' :# 9 :#'0$8' ,0' 2,'!5#0-'+*;4'$$05' 1,0'$,08' ,%5' $;*$' 5'+2':!'-0' 1%+' !%#.0!8' % .%40' :!%805' -' $,0' 4%+$0#+' +'50' 1'$,' .#0%$' +3'!!' ;8' + 40' 1'$,' 4 #$'68'-.' 6%'!*#0' ;8' $,0#+' ,0' 5#0++' !%-.*%.0' %-5',%;'$+' 6' #'0-5+' 10#0' 504%-505' 6' %!!' %-5' #0!'.' *+' 0E0#2'+0+' 10#0' % -020++%#8' %-5' 6#0U*0-$' :%#$' 6' $,0' 1003!8' :# .#%4' ,'+' :#0+0#705' $,0' $8:0' '-'+ 40' 2%+0+' %-5' :# 5*205' #0;0!!' -' %-5' #09 %2$' -' '-' $,0#+' ,0' ;0+$' 10#0' $, # *.,!8' $#%'-05' '-' 6*-5%40-$%!+' %-5' 10#0' $%*.,$',%;'$+' 6',%#5' 1 #3' %-5' %22*#%$0' %$$%'-40-$' -' 4%$,04%$'2+' 0+:02'%!!8' $,0#0' 1%+' *-*+*%!' :# 6'2'0-28

4 -.' $,0' 40-' 1,' '-6!*0-205' 05*2%$' -' '-' $,0+0' 5%8+' 10#0' (+0:,' %-2%+$0#' $,0' 0220-$#'2' -.!'+,4%-' 1,' $#'05' $' '-$# 5*20' ,'+' 4 -'$ #'%!'+8+$04'-$' ,'!%50!:,'%'+2, !+' ,'+' %:+$!0' (,-' #'+2 4' 6' 01' #3' %' -$05' 2,04'+$' %-5' $0%2,0#' - 2,' 01'+' (,-' *440#0'%-5' 0-&%4'-' %!! 10!!'%29 2 4:!'+,05' 4%$,04%$'2'%-+' %-5' (,-' #9 +8$,0' % 2 $2,?#'+,' '44'.#%-$' '-5!08' *##%8'%-5' !5' # 1-'$,0' .#%44%#'%-+' 10#0';$,' #'0-5+

$' 1%+' 5*0' $' $,0' 066 #$+' 6' #'0-5+' %-5' ;%+05' -' $,0'# '-+$'$*$' -+' %+' 4 50!+'$,%$' $,0' :*;!'2' +2, !' +8+$04' 1%+' +$%#$05' '-' +070#%!' :!%20+' -' 01' #3' '$8' %6#00' +2, !'6 #.'#!+' -' $' ;0! --'-.'$' %-8' 50-4'-%$' -' 1%+' +$%#$05' '-' >)KN' ;8' #'0-5+' ,'+' !05' $' $,0' 0+$%;!'+,40-$ + -' %6$0#' 6' $,0# +2, !+' 6 # ; 8+' %-5' $' $,0' + 2'0$8' 6' 1,'2,' 0' '$$!'-$ -' 1%+' :#0+'50-$' 6# 4' 1,'2,' $,0' 2'$8

+8+$0 4 #0+*!$05 !%#.0 :# : #$' 6 ,'+ +*: : #$0#+ 10#0 #'0-5+ ,0 #00 2, ! 2'0$8 1%+ 6 #405 '-)KQ %-5 '-)NQ $,0 -%40 1%+2,%-.05 $ $,0 *;!'2 2, ! 2'0$8 <% %*% $' 1%+ 507 $05 $.'7'-. - -?2,*#2,2,'!5#0- 6 $,0 : #0# 2!%++0+ %- 0!040-$%#8 05*2%$' - 1,'2,' -2!*505 ;!'2%!' '-+$#*2$' - ,'!%50!:,'% $,0 50!:,% %-5 '410!! +2, !+ $,0 !%$$0# +$'!! 0E'+$'-. 6 # ; 8+ %-5 .'#!+ #0+:02$'70!8 10#0 6 #405 %; *$ $,0 80%# >)K) 6 # +'4'!%# :*#: +0+ %-5 + 40 6 $,0 :*;!'2 +2, !+ 10#0 5 '-. $,0 +%40 1 #3 ,0+0 ,0!:05 $ 6 #4 :*;!'2 :'-' -' '-6%7 # 6 .0-0#%! 05*2%$' - -' >)NL $,0 0-9 +8!7%-'% 2'0$8 6 # $,0 :# 4 $' - 6 *;!'2 2, !+ +*::!'05 $,0 : :*!%# +*:: #$ 6 # $,0 4 7040-$ $,0-:0-5'-. ;0#$+ %*E %#'0-5 1%+ :#0+'50-$ %-5 !0%5'-. 4%- %-5 # 0 #.0 4'$,''-$,0 !0.'+!%$*#0 1%+ %2$'70 '-:0#602$'-.$,0 +8+$04 ,'!0 #'0-5+ 10#0 $,*+ .'7'-. %-''4:0$*+ $:*;!'2 '-+$#*2$' - 4%-8 6 $,0'# 404;0#+ 1,0-$,08 6 *-5 $,%$ '$ '-7 !705 5 *;!0 $%E%9 $' - 6 # $,04 '6 $,08 4%'-$%'-05 $,0'# 1- +2, !+ 10#0 %$!0%+$!*301%#4 '-''$+ +*:: #$ %-5 $,0] *%30# 5'+$#'2$+ %!#0%58 10!! +*::!'05 1'$, +2, !+ 10#0 +! 1 $ $%30 %57%-$%.0 6 +$%$0 !%1+ ,0 R 0:0#%$' -J 6 >)NL 1,'2,5'7'505 $,0 2'0$8 6 #'0-5+ '-$ $1 ::+'-.; 5'0+ #0+*!$05 '-%5*:!'2%$' -''-:%#$ 6 $,0 +8+$04 ,0 R #$, 5 ES #'0-5+ #0$%'-05 $,0 4%& #'$8 6 $,0 !5 +2, !+ 1,'!0 $,0 $,0# ; 58 0+$%;9 !'+,05 -01 5%8 +2, !+ '- 01 #3 ,'!%9 50!:,'% %-5 %!$'4 #0 $,0 0#.0 2, ! % ; %#5'-.'+2, ! '-' *23+ *-$8 % %-5 % -*4;0# 6 +4%!!0# +2, !+2 70#'-.$,0 2 *-$#8 5'+$#'2$+ ,0 4'.#%$' - 6 #'0-5+ $ $,0 10+$1%#5 #0+*!$05 '-$,0 0+$%;!'+,40-$ 6 !%#.0 400$'-.+ %$ 6'#+$ '- ,' %-5 -5'%-%'$,0-''- 1% %-+%+ #0. -%-5 %!'6 #-'% #0%$ -*4;0#+ 4 705 6# 4 #$,' %# !'-%$ 0+2%:0 +!%70#8 %-5 '$+ 2 -+0U*0-20+ '$,' $,04 10-$ %$ 6'#+$ $,0'# !'$$!0 +2, !+ $,0-$,0'# ; %#5'-.'+2, !+ %-5 %2%504'0+ %-8 6 $,0+0 5'5 - $:# +:0#' 6 # $,0 :*;!'2 +2, ! +8+$04 '-' + 40 2%+0+ %-$05%$05 $,04 ' '- $,0#+ 6 !! 105 2! +0 -' $,0'# ,00!+ -' 0%+$0#- -5'%-% 0+:02'%!!8 $,0 !'$$!0 #'0-5+ +2, !+ 2 --02$05 1'$,'070#8 400$'-.'10#0 : $0-$ '- $,0'# '-6!*0-20 6 # . 5 %-5 05*2%$05 %.#0%$ -*4;0# 6 40-' %-5 1 40-' 1, %+ $0%2,0#+ 0E$0-505 $,%$ '-6!*0-20 1'50!8 ; *$ >)QK $,0 2 !!0.'%$0 0#% ;0.%- %7 0#6 #5 2, ! -0%# ,'!%50!:,'% 6 *-505 '- >)JJ 02%40 %70#6 #5 !!0.0 4<% %* '-)QO $, *.,':#' # $ $,'+ 5%$0 '$+ 1 #3 1%+ !%#.0!8 6 % 2 !!0.'%$0 .#%50 1%#$,4 #0 !!0.0 4<% %* '- $,0 +%40 -0'.,; #, 5 :0-05 '$+ 5 #+ ; $,=m$; 8+%-5 .'#!+ '-)OM %-5 #8- %1# !!0.0 &<% %*6 6 # .'#!+ -!8 '- >))Q ,0+0 $,#00 '-+$'$*$' -+ $, *.,' - $!%#.0 %#0 10!! 0-5 105 10!!?;*'!$ 2 !!0.0+ 6 ,'.,' .#%50 +'$*%$05 '- ;0%*$'6*! :%#3+ %-5 4%'-9 $%'-'-.'0E20!!0-$6%2*!$'0+ 01 %#50- 2, !

#$, %# !'-%; 02%40 *'!6 #5 !!0.0 '- >))P ,0; %#5'-.'+2, ! %$ '2,4 -5 -5 ; 02%40 %#!,%4 !!0.0 4<% %* '-)QP %-5 $,0#0 6 !! 105 1'$,'-%6 601 80%#+ $,0 0+$%;!'+,9 40-$ 6 '!4'-.$ - !!0.0 ,' 0--' !9 !0.0 1% #'0-5+ -'70#+'$8 %-+%+ 0-9 $#%! !!0.0 0;#%+3% %2'6'2 !!0.0 #0. - %-5 ,'$$'0# !!0.0 %!'6 #-'% ,0+0 2 -9 +$'$*$0 1'$,% 601 %2%504'0+ $,0 1, !0 6 +$'$*$0]*%30# +2, ! +8+$04 10+$ 6 $,0 !!0? .,%-'0+ $,0 :#'4%#8 %-5 +02 -5%#8 05*2%$' - ,%7'-.;00-,%-505 70# $ $,0 :*;!'2 +2, ! +8+$04 -$,0 %+$'0+:02'%!!8 '-%-5%# *-5 ,'!%50!:,'% $,0 1, !0 !'-0 6 +2, !+ +$'!! 0E'+$+ '- *-5'4'-'+,0$7 066'2'0-28 ,0 0+$9 0#- 2 !!0.0+ %#0 - $,0%7'!8 0-5 105 !! ;*$ %#!,%4 ,70 :#0:%#%$ #8 50:%#$40-$+ 1,'2,' '-+ 40 2%+0+ ,70 !%#.0# 0-# !!40-$+ $,%-$,0 2 !!0.0+ -$,0 %+$ $,0 2 !!0.0+%#0 *-50# $,0 2%#0 6 +0!6?:0#:0$*%$'-.; %#5+ 6 $#*+$00+ 1, %#0 .0-0#%!8 #'0-5+ '-$,0 0+$ $,08 %#0 #.%-'2%!!8 2 --02$05 1'$,'$,0 0%#!8 00$'-.+ %-5 4%-%.05 ;8$,0'# 2 49 4'$$00+ *$+'50 6$,0'# 1-'2 !!0.0+ #'0-5+ ,70 ,%5 + 40 +,%#0 '-$,0 5070! :40-$ 6 ,'.,0# 05*2%$' - +0+ # 1-'.#0%$!8 %'505 # 1- -'70#+'$8'$, *.,'$,0 4%-'6 #1, 4''$ 1%+ -%405 %#0!%$'70 1%+ - $%]*%30# G#% #-0!! %-5 (,-+ :3'-+' 1, 6 *-505 $,0 *-'70#+'$'0+ 1,'2,' ;0%# $,0'# -%40+ 10#0 #'0-5+ ,0 05*2%$' - 6 #'0-5+ ,%+ %!1%8+ ;00-' 2,%#%2$0#'G05 ;8 $, # *.,-0++ '-' $,0 6*-5%9 40-$%!+*;&02$+ ,08 ,%70 - $8'0!505 $ $,0 6#0U*0-$ 5'70#+' - +' $ '-01 40$, 5+ %-5 ;9 &02$+ 1,'2,',%70 ;00-% :%#$ 6 *# 40#'2%-' +8+$04 ,'+ 2 -+0#7%$'+4 ,%+ ;00-' -' + 40 #0+:02$+ % 5'+%57%-$%.0 ;*$ '$,%+ ,%5 $,0 06602$' $:# 5*20 , -0+$ 06602$'70 +2, !%#+ + 6%# %+ $,08 ,%70 . -0 ,'+ 5'+2':!'-0 ,%+ %!+ #0%2$05 -' 2,%#%2$0#'+ $,%$ $,0 :# 5*2$+ 6 #'0-5+ 2, !+ ,%70 ;*$ +0!5 4 :# 705 $#'238 #+*:0#6'2'%! 40-''-';*+'-0++ #:!'$'2+ #'0-5+ ,%70 %!1%8+ 504%-505 '- $,0'# +2, !+ 1,%$ $,08 ,%70 I40%-$ $;0 06602$'70 #0!'.' *+ '-+$#*2$' - -$'!' $,0 !%+$,%!6 20-$*#8 $,'+ ,%+ ;00-' 2 -6'-05 $ 404 #'G'-. 2#':$*#0 $0E$+ %-5 #0U*'#05 %$$0-5%-20 %$ $,0'+'4:!0 #0!'.' *+ 0EO#2'+0 6 #'0-5+ !%#.0!8 +'!0-$ %-5 %!1%8+ 1'$, *$ 4*+'2 #:#0%##%-.05 +:0%3'-. -' + 40 $,'+ 5'+2':!'-0 ,%+ :# 9 5*205 .#0%$ +0#' *+-0++ -' 4%-8 $,0#+ '$,%+ +00405 $;0 0-$'#0!8 1'$, *$ 06602$' ,0 4 #%! #0+*!$+ ,%70 ;00- 6 % ,'.,' #50#' ,0$,0# ;8 $,0 +$#'2$ #0.*!%$' -+ 6 $,0 0%#!'0# 5%8+ # $,0 4 #0 !';0#%! 2 :0#%$' -' 1'$,'+$*9 50-$ %2$'7'$'0+ 6 #020-$ $'40+ % +$%-5%#5 ,%+ ;00-' 4%'-$%'-05 1,'2,' ,%+ .'70-' $,04 + 40 #0:*$%$' - ; $,' %+ $ $,0 '-$0#-%! 2 -9 5'$' -+ %-5 $,0 #0+*!$'-.' 2,%#%2$0# -' #020-$ 80%#+ $,0#0 ,%+ ;00-' % +$# -.' 5#'6$ %4 -.' #'0-5+ $ 1%#5 .#%5*%$0 '-+$#*29 $' -' '-' $,0 .#0%$ *-'70#+'$'0+ ,0 06602$ 6 $,'+ '+ +$# -.!8 60!$ *: -' $,0 + 2'0$8 ,0 !5 &0%! *+8 6 !0%#-'-.' ,%+ 5'+%::0%#05 %-5



;&02$+ 10#0 $ # 0;0! $,0 308+$ -0 $ $,0 !'60 6 40- - 2$;0# >)>N # 0;0! 1%+ %$$#%2$05 ;8 $,0 !02$*#0+ 6 0'++ %-5 %7'.-8 $ $,0 -'70#+'$8 6 0#!'- 1,0#0 ,0 ;02%40 '- $,0 40%-$'40 % $0%2,0# '- $,0 +2, ! 6 $,0 0+$%! GG'%- !%4%-- 4<% %*% - >)>J , 19 070# ,0 & '-05 '- $,0 1%# 6 !';0#%$' - %!9 $, *., %+ ,0 #04%#305 R - #*++'%- S %-5 '!!?6'$$05 ;8 2 -+$'$*$' - 6 # $,0 #'. #+ 6 $,0 1%# R $ 1%+ ,%#5!8 : ++';!0 6 # 40 $ 2 -9 20'70 , 1 %-8 8 *-. 4%- 2%:%;!0 6 ;0%#'- %#4+ 2 *!5 $,'-3 6 ;02 4'-. %- 05*2%$ # 6 2,'!5#0- 1, +0 2 *-$#8 ,0 1 *!5 - $ 5060-5 1'$, ,'+ ;! 5 # ,'+!'60 S +'%+ !5'0# # 0;0! 1 - $,0 6#'0-5+,': 6 %-.2$,%! %-5 '5? 50-5 #6 %$0#1%#5+ 6%'$,6*! %++ 2'%$0+ '- ,'+ !'60 1 #3 $,# *., 1, 4 ,'+ :,'! + :,'2%! '-9 $0#0+$ '- '2,$0 4<% %*6 2,!0'0#4%2,0# %-5 0%-50# 4<% %* 1%+ %# *+05 %-5 $, # *.,!8 0+$%;!'+,05

%7'-. +00- - $,'-. 6 $,0 6'0!5 6 ;%$$!0 # 0;0! 1%+ ;%23 '- 0#!'- -'70#+'$8 '- >)>M %+ %++'+$%-$ $ # 60++ # 0'++ '- $,0 4'-0#%!? .'2%! 4*+0*4 $ $,'+ $'40 ,0 502!%#0+ $,%$,0 +$*5'05 :# 6 *-5!8 $,0 1 #3+ 6 *++0%* 0+$%! GG %+05 1 %-5 '2,$0 - 05*2%$' - %-5 1,0- $,0 50%$, 6 ,'+ ;# $,0# ,#'+$:, '- >)>O !06$,'4 $,0 .*%#5'%- 6 ,#'+$:,2,'!5#0- '$ -%$*#%!!8 22*##05 $, '4 $,%$,0#0 1%+ $,0 -*2!0*+ 6 %+2, ! $;0 2 -9 5*2$05 *: -'%:+82, ! .'2%! %-5+2'0-$'6'2 ;%+'+ ,0 *$2 40 6 ,'+ -01 50$0#4'-%$' - 1%+ $,0 6 *-5%$' - 6 $,0 -'70#+%! 0#4%- 5*2%9 $' -%! -+$'$*$0 %$ #'0+,0'4 $#%-+60##05 '- >)>L $ 0'!,%* ,'$,0# 2%40 %-.0$,%! %-5 '550-5 #6 - >)K # 0;0! ,%5 $%30- $,'4+0!6 % 1 #$,8 1'60 '- !0 0-#'0$$0 '!,0!4'-0 6640'+$0# ,0#+0!6 % +$*50-$ 6 '2,$0 %-5 2,!0'0#4%2,0# % 1 4%- $ 1, 4 # 0;0! 105 4 #0 '- ,'+ +*;+0U*0-$ '-+$'9 $*$' -%! 1 #3 $,%- ,%+ 80$;00- .0-0#%!!8 #029 .-'G05 # 4 $,'+ $'40 # 0;0! ;0.%- $;0 % :# !'6'2 1#'$0# ,0 0(/ %:9 :0%#05 '- >)NO %-5 $,0 %54'#%;!0 %*$;' 9 .#%:,'2%! !0$$0# $ $,0 *30 6 0'-'-.0-' 1%+ 1#'$$0- '- $,0 6 !! 1'-. 80%# - >)N # 0;0! 5#01 *: % :!%- 6 # % -%$' -%! 05*2%$' -%! '-9 +$'$*$0 %$ 0!;% 6 # 1,'2, ,0 7%'-!8 0E:02$05 $,0 +*:: #$ 6 $,0 *30 6 0'-'-.0- ,0 :!%- , 1070# '+ +$'!! $,0 ;%+'+ 6 4%-8 6 $,0 3'-50#.%#$0- 22*:%$' -+ - >)J # 0;0! 1%+ %.%'- '- #%-36 #$ 1,0-20 ,0 %220:$05 $,0 2%!! $:0-% +2, ! %$ %#$0-+00 1,'2, 1%+ + - %6$0#1%#5+ $#%-+60##05 $ '!!'+%* - >)JO ,0 ,%5 . $ %+ 6%# %+ 660#'-. % $#%'-'-. 2 *#+0 6 # $0%2,0#+ %$ *#.5 #6 1,0#0 '- >)JM ,0 6 *-505 %- #:,%-%.0 # 4 >)JO ,'+ :02*!'%# %$$#%2$' - $ 8 *-. 2,'!5#0- ;02%40 4 #0 4%-'60+$ $,%- ,%5 ,'$,0#$;00- $,0 2%+0 %-5 $,0 '-+-"&$*$' -+ 6 *-505 '- >)JL %$!%-3? 0-;*#. $,0 6'#+$ 3'-50#.%#$0- %!$, *., $,0 -%40 1%+ - $ %5 :$05 $'!! >)MK %-5 '- >)JP '- 0#!'- 10#0 6 # !'$$!0 2,'!5#0- -!8 *$ '- >)JP $,0 50%$, 6 ,'+ 1'60 2%40 %+ % +070#0 $#'%! $ $,0 0-$,*+'%+$'2 $0%2,0#

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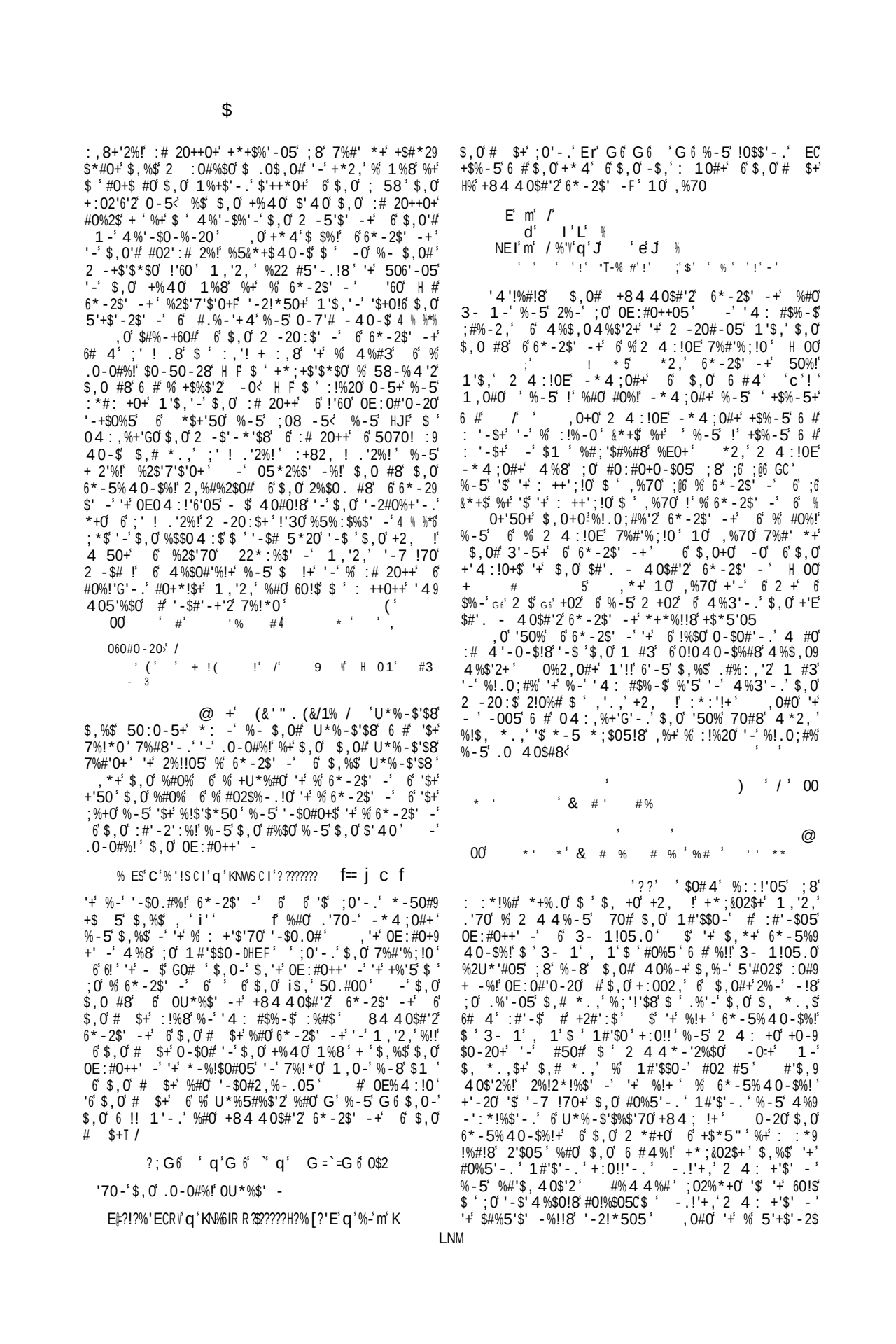
5 2 > " + ;;% / # 0;0!+ %$$'$*50 %+ % :*:'! 6 0+$%! GG' 1%+ - $ 40#0!8 #020:$'70 %-5 %::#02'%$'70 ;*$ %!+ ,'.,!8 2#'$'2%! 0+$%! GG' 04:,%+'G05 ,%-5'9 2#%6$ 6 # '$+ 7%!*0 '- :,8+'2%! $#%'-'-. %-5 $02,-'2%! :#0:%#%$' - 6 # 7 2%$' -< # 0;0! 6 # '$+ '-1%#5 2 ##0!%$'70 0E:0#'0-20 1,'2, 4'.,$;0 0E:02$05 $ 2 -$#';*$0 $ $,0 2 49 :!0$0-0+ % 6 % ,*4%- ;0'-. # 0;0! 2%#05 - $,'-. 6 # $,0 40#0!8 402,%-'2%! '- 05*9 2%$' - .%'- 0+$%! GG' 1%+ 4 #0 +%$'+6'05 1'$, $,0 :#'-2':!0 6 ;+0#7%$' - +0 $,%- 1%+ # 0;0! 1, '-+'+$05 *: - 2 4;'-'-. ;+0#7%$' - 1'$, %2$'7'$8 0+$%! GG' 4 #09 70# 4%50 , 40 05*2%$' - 20-$#%!< # 0;0!

7'7%2'$8 %-5 '-$0-+'$8 6 +2, !; 8+ *.,$ $;0#0.%#505 %+ %+:'#'$*%!!8U*'230-'-: 10#R $'+ $,0+:'#'$ %! -0 $,%$ 4%30+ $,0 +2, ! %-5 $,0 +2, !# 4 070# 6 #.0$ $,%$ $,0 0++0-$'%! ;*+'-0++ 6 $,0 +2, !?'+ - $ + 4*2,' $ $0%2,' %-5 $ 2 4 4*-'2%$0 % 7%#'0$8 %-5 4*!$':!'2'$8 6 $,'-.+ %+ '$ '+ $.'70:# 49 '-0-20 $ $,0 070#?!'7'-.'*-'$8 $,%$ '+ '-! %! $,'-.+S -+$#*2$' - %-5 $,0 +2, ! %#0 $!0%5 4%- $ $ % !'60 '- 6*!! ,%#4 -8 1'$,' $,0 3- 1!05.0 6 4%- -%$*#0 %-5 5 ,0 :!0+ 6 ; 8?!'60 %#0 $,0 4'-5 %-5 $,0 *$0# 1 #!5 %-5 !%-.*%.0 1,'2,' *-'$0+ $,0 $1 5 2 › ! / ' ; ' / . 0 ⅋ / ,0 #'.,$.# *:'-. 6 +$*5'0+ '- %22 #5%-20 1'$,' $,0 '--0# -%$*#0 6 4%- %::0%#05 $ # 0;0!$ '-7 !70 '-$,0 2*##'29 *!*4 ⅂ ⅄> -+$#*2$' - #0!'.'- 1,'2, %++*40+ + 40 50.#00 6 $,0 #0!'.'*+ +:'#'$ '$ U*'230-+ $,0 + *!' %-5 .'70+ + 40 '-+'.,$ '-$ $,0 -%$*#0 6 $,0 5'7'-0 ,0 ,*4%- +:'#'$ '+ #0!%$05 $ 5 %+ $,0 $, *.,$ $ $,0 $,'-30# $,0 + -$ $,0 6%$,0# #0!%$05 - $ '- % 4%$0#'%! ;*$ % +:'#'$*%!*-' - #0%!'G0 $,'+ #0!%$' -'+ $;0 % ,#'+$'%-< '-$,'+ +0-+0 $,0#06 #0 $,0 +2, !+, *!5 6'#+$ 6 %!! $0%2,' #0!'.' - HN %$*#%! +2'0-20 %-5 4%$,09 4%$'2+ %$*#0 #0:#0+0-$+ 1,%$ #0!'.' - #09 70%!+ 6*!6'!!+ 1,%$ #0!'.' - 504%-5+ ,0#0 2%-;0 - $#*02 -$04:!%$' - 6 -%$*#0 1'$, *$ $,0 #02 .-'$' - 6 '$+ #0!%$'70 *-'$8 5'7'-0 #'.'- -5 :# .#0++'70 5070! :40-$ 5'+ $,0 .#0%$ %#$'+<' 4%-5%-5 -%$*#0 ,'+ 2,0#'+,05 1 #3+ 6 %#$ /'- $ 40#0 %#$ 4%+3+ ;*$ $,0 #070!%$' - 6 $,0 4 +$ '--0# 5'7'-0 :0#+ -%!'$8 -' -%$*#0 4%-+00+ ,'+ %+:'#%$' - ,'+ 50+$'-8 ,'+ 4'++' -< %-5 - 1,0#0 4 #0 2!0%#!8 $,%-' -: !%-$+ 0+:02'%!!8 $#00+ ,0 !'60 6 $#00+ '+ % #070!%$' - 6 ,*4%-' !'60 - $ %! -0 '-' $,0 '-5'7'5*%!' ;*$ %!+ ''-$,0 #%20 6 # $,0 5070! :9 40-$ 6 $,0 ,*4%-' #%20 '+ :%#%!!0!$ $,%$ 6 $,0 '-5'7'5*%!' 4%- ,0 #0%+ -' $,%$ % +$*58 6 -%$*#0 '+ + '+*..0+$'70 6 # $,0 !'60 6 4%-' '+ $,0 2 44 -' #'.'-%-5 +*;'+$0-20 6 -%$*#0 %-5 4%-' '- 5 -%$*#0 $,0 *!$'4%$0 2%*+0 6 %!! $,'-.+ '+ 6 #20 #20 -%$*#%!!8 $0-5+ $ 0EO#$ '$+0!6 '- %!! 5'#02$' -+ 0U*%!!8 %+ '$ 10#0''-% +:,0#'2%! 1%8 ,0 +:,0#0 '+ $,0#06 #0 $,0 6*-5%40-$%!' -%$*#%! 6 #4 $,0 6 #4 6 $,0 !%#.0+$ %-5 +4%!!0+$;&02$+' '- -%$*#0 :!%-0$+ %-5 :%#$'2!0+ 8 7%#'%$' -+ '-' $,0 :!%-0+ %-5 5'#02$' -+ 6 $0-+' - $,0# 6 #4+ $,%-' $,0 +:,0#'2%! %#0 50#'705 ,0 6'#+$:,%+0 '- 4%$0#'%! 6 #4%$' -' +#0:#0+0-$05 ;8 2#8+$%!+' ,0 6 #4 6 $,0 2#8+$%! #0:#0+0-$+ $,0 #0!%$'70 '-$0-+'$8 '-' $,0 5'660#0-$ 5'#02$' -+ 6 $,0 '--0# 6 #20 H # 0;0! ;0!'0705 $,%$ $,0 %-%! .8 1,'2,' ,0 $, *.,$,0 ,%5 5'+2 70#05 ;0$100-2#8+$%!!'-0 %-5 ,*4%- 05*2%$' - $,# 1+'4: #$%-$!'.,$ -' $,0 5070! :40-$ 6 4%-F ,0 %2$' -' 6 '--0# 6 #20+ 6# 4' $,0 20-$0# 6 % 2#8+$%! 1'!! :# 5*20 6'#+$ % 2*;0' +02 -5 %- 2$,05# - %-5 $,'#5 % 0#%,05# - $,0# 6 #4+ %#0 50#'7%$'70 6# 4' $,0+0' !! -%$*#%! ;&02$+ #0+04;!0 2#8+$%!+ '-:# 2005'-. 6# 4 % ,0%#$: '-$ '- $,0'# 5070! :40-$< '- 6%2$' %!! 4%8 ;0 .# *:05 %+ 2#8+$%!!'-0 70.09 $%;!0 %-5 %-'4%!' !%-$+ %57%-20 *: - 2#8+$%!+' '- 0E,';'$'-.' $,0 '--0# 6 #20 R - $ -!8 '- 4*!$':!'05 5'70#+'$8 ;*$ %!+' '- % +$%$0 6 :# .#0++'70 2,%-.0+S' # :*#: +0+ 6 ,'+ $,0 #'0+ # 0;0!+0'G05*: - $,0 6*-5%9 40-$%!2 -20:$ 6 #.%-'+4 %+ 50+2#';05 ;8 %-$%-5 $,0 '50%!'+$'2 :,'! + :,0#+ 6 $,0 5%8 R ,0 0++0-$'%! -%$*#0 6 $,0 1, !0 :!%-$!'0+ '- + 40 :02*!'%# 4%--0# '- 0%2,' -5'7'5*%! :%#$ 6 $,0 :!%-$ S \ R ,*+'-%+4*2,' %+ $,0 !%1 6 $,0 '-5'7'5*%!:%#$ '+ #0:0%$05 '- $,0 1, !0 $,0 $ $%!'$8 6 %!! 4*-5%-0 6 #4+ %!9 $, *.,';*$ % +4%!! :%#$ 6 $,0 .#0%$ *-'70#+0 '+ -070#$,0!0++ #0!%$'70!8 % .#0%$ '-5'7'5*%! #.%-'G05 %-5 #.%-'2 1, !0 S -'4%!+'" %.%'-'2 -+$'$*$0%- #.%-'2 1, !0 -5 '-'4%!+ %-5 '- -%$*#0 .0-0#%!!8 $,0 !%1 '+ $,%$ $,0 0E$0#-%! ;02 40+ '-$0#-%! '$,'+*2,' % +849 ; !'2 7'01 6 -%$*#0 # 0;0! 50+'#05 %; 70 %!! $,'-.+ $,%$ $,0 ,$ 8 +, *!5 ;0 $%*.,$ %$ %-' 0%#!8 :0#' 5 R ' +00 -%$*#0 '-'%!! ,0# 5'70#+'$8 %+ % *-'$ %+ % .#0%$!'7'-.'1, !0 % -0$, *.,$ 6 5 S #%.40-$%#8 +$*58 6 -%$*#0 509 :#'70+ '$ 6 !'60 %-5 '4:%'#+ $,0 7'. # 6 $,0 4'-5 02,-'2%!' $0#4+ 4%8 1%'$< $,0 $,'-.+ 6 -%$*#0 $,04+0!70+ %#0 % !%550# ;0$100-,0%70-' %-5 0%#$,< -*4;0# '+ % #0!'%;!0 .*'50 '-' $,0'# 5'70#+'$8 %$,04%$'2+ 405'%$0+ ;0$100-4%-' %-5 -%$*#0 ;0$100-' $,0 !%1+ 6 $, *.,$ %-5 $,0 5'70#+'$8 6 -%$*#%! 6 #4+ %$,04%$'2+ '+ $,0 0E:#0++' - 6 !'60 %+ *+2,< %-5'05*2%$' -' 1'$, *$ '$ '+ R % 10%3 '4:0#602$:%$2,1 #3 S HJF %-.*%.0 +' #0!'.' - 4%-'60+$+ ;0'-. % *-'$8 %+ -%$*#0 4%-'60+$+ 0-0#.8 5'70#+'$8 + ' !%-.*%.0 +$#'70+ $ 4%-'9 60+$!'60 / $,0 2 --02$' - 6 ;0'-.'%-5 0-0#.8 6 *-'$8 %-5 5'70#+'$8 !!' $,#00 003 $ 4%30 $,0 '-$0#-%! 0E$0#-%!< $,%$ '+ %!! %#0 4 50+ 6 +0!6?0E:#0++' - % -.*%.0 #0:#0+0-$+ -' $,0 -0',%-5 '-%$*#%! 0-0#.8 !'6$05 '-$ '!'60 -' $,0 $,0#' $,0 ,*4%-' 4'-5 !'6605 '-$ +0!6?2 -9 +2' *+-0++ $+ *!$'4%$0 # $+ 0E:#0++ -%$*#%! %+ 10!! %+ +:'#'$*%! :0#%$' -+ %-.*%.0 '+ $,0#06 #0 -$:*#0!8 2 -70-$' -%! # %$!0%+$ -$ %#;'$#%#8 ;*$ 2 -6 #4+ $!%1 %-5 +, *!5 ;0 $%*.,$ %22 #5'-.!8 $,0 !%-.*%.0 $0%2,'-.' 6 # 0;0! !'30 ,'+ +2'0-20 %-5 -%$*#%! :,'! + :,8 1%+ +8 4 ; !'2%! 6 # 0E%4:!0 ,0 $%*.,$ $,%$ '-' .0-0#%! 2 -+ ?- -%-$+ '-5'2%$0 1,%$ '+ 0E$0#-%! # 6 #20 7 10!+ 1,%$ '+ '-$0#-%! # +:'#'$ %-.*%.0 %#'+0+ 6# 4' %-' '--0# 1%-$ 6 2 44*-'2%$' - %4 -.' 40-< %-5 6# 4' % +'4'!%# 60!$ 1%-$ '$+ $0%2,'-.' +, *!5 %+ 6%# %+ : ++';!0 :# 2005 S #'$'-.'+ $,0 6'#+$ 2,'06 %2$ 6 6#00 %-5 +0!69 %2$'70 2 -+2' *+-0++ S HM #$ %-5 05*2%$' - '-' %#$ #$ '-' $,0 :# 20++ 6 05*2%$' - 4*+$;0 #0.%#505 %+ $,0 :*#0 #0:#0+0-$%$' - 6 $,0 '--0# $ 4%8 ;0 +%'5 $ $ $%30 $,0 6 #4 6 4*+'2 5#%1'-.' :%'-$'-.' # 4 50!'-.' %22 #59 '-.' %+ '$+ 4%$0#'%! 2 -+'+$+ 6 $ -0+' !'-0+' +*#6%20+ # + !'5+ ,0 +2, !; 8'+ - $ $;0 05*2%$ %+ %-' %#$'+$;*$ #%$,0# $ %:::#02'%$0



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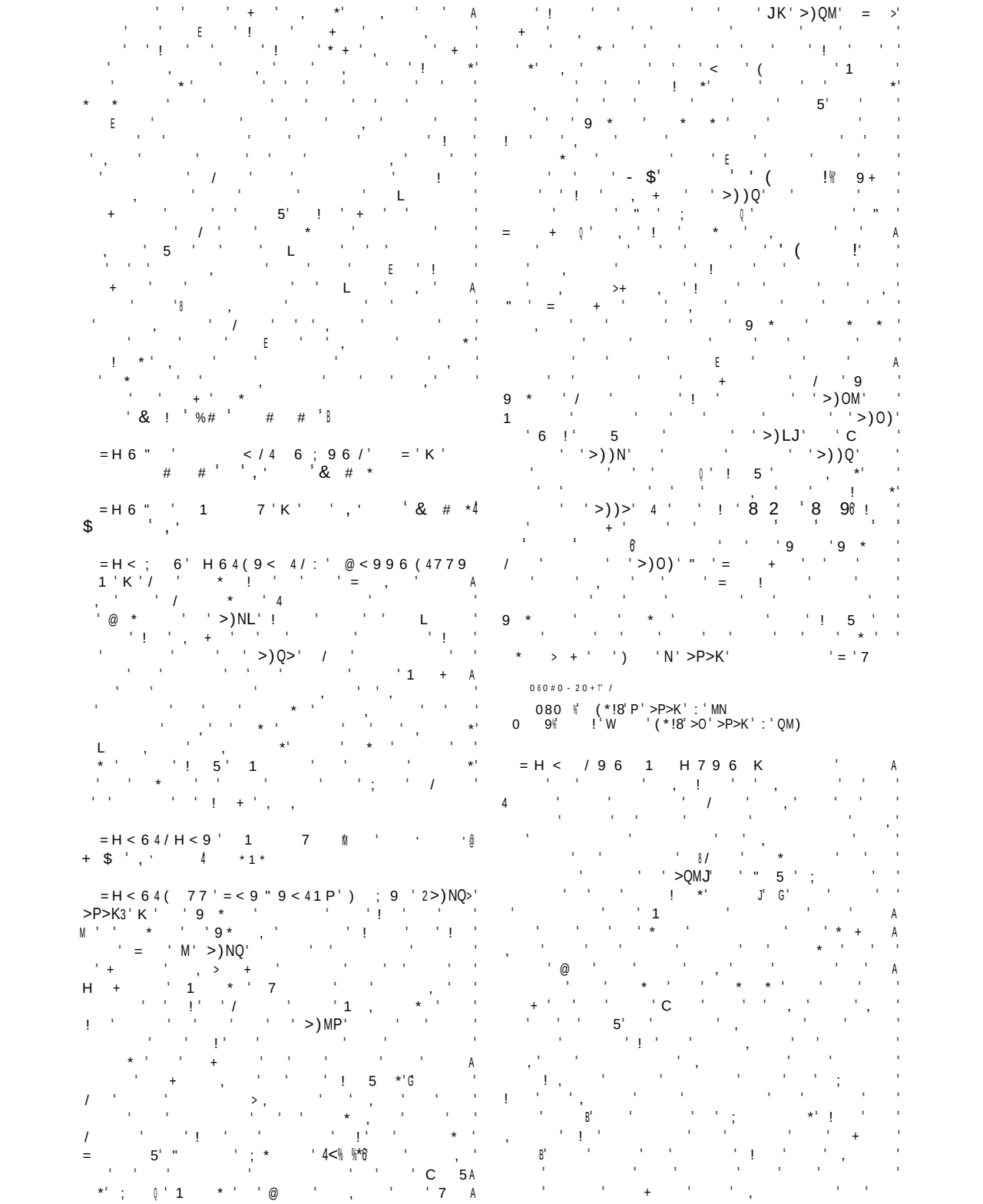

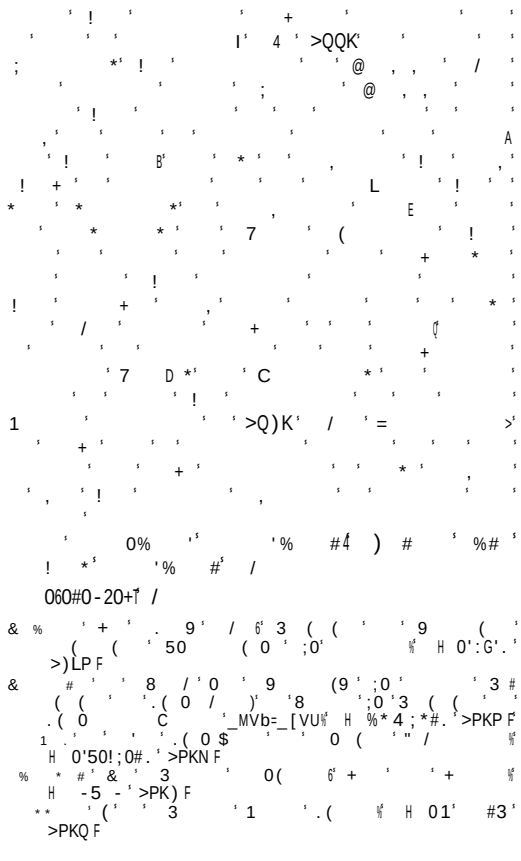

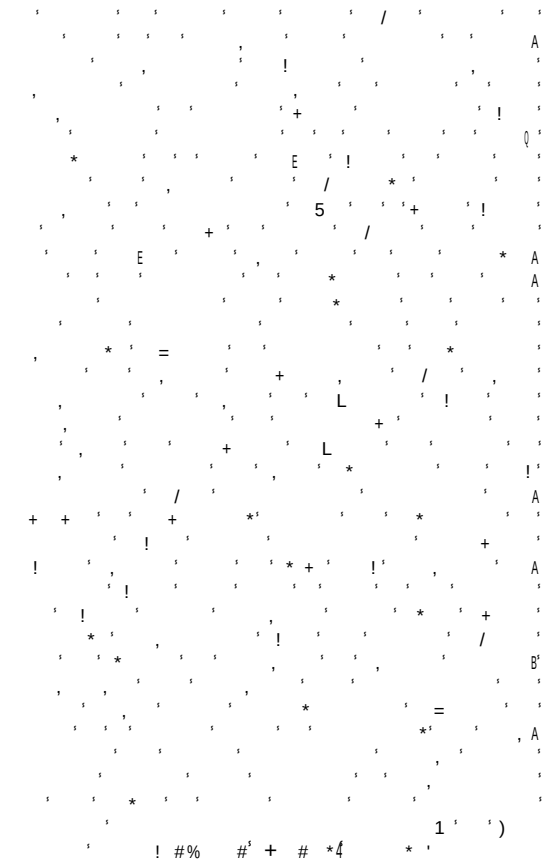

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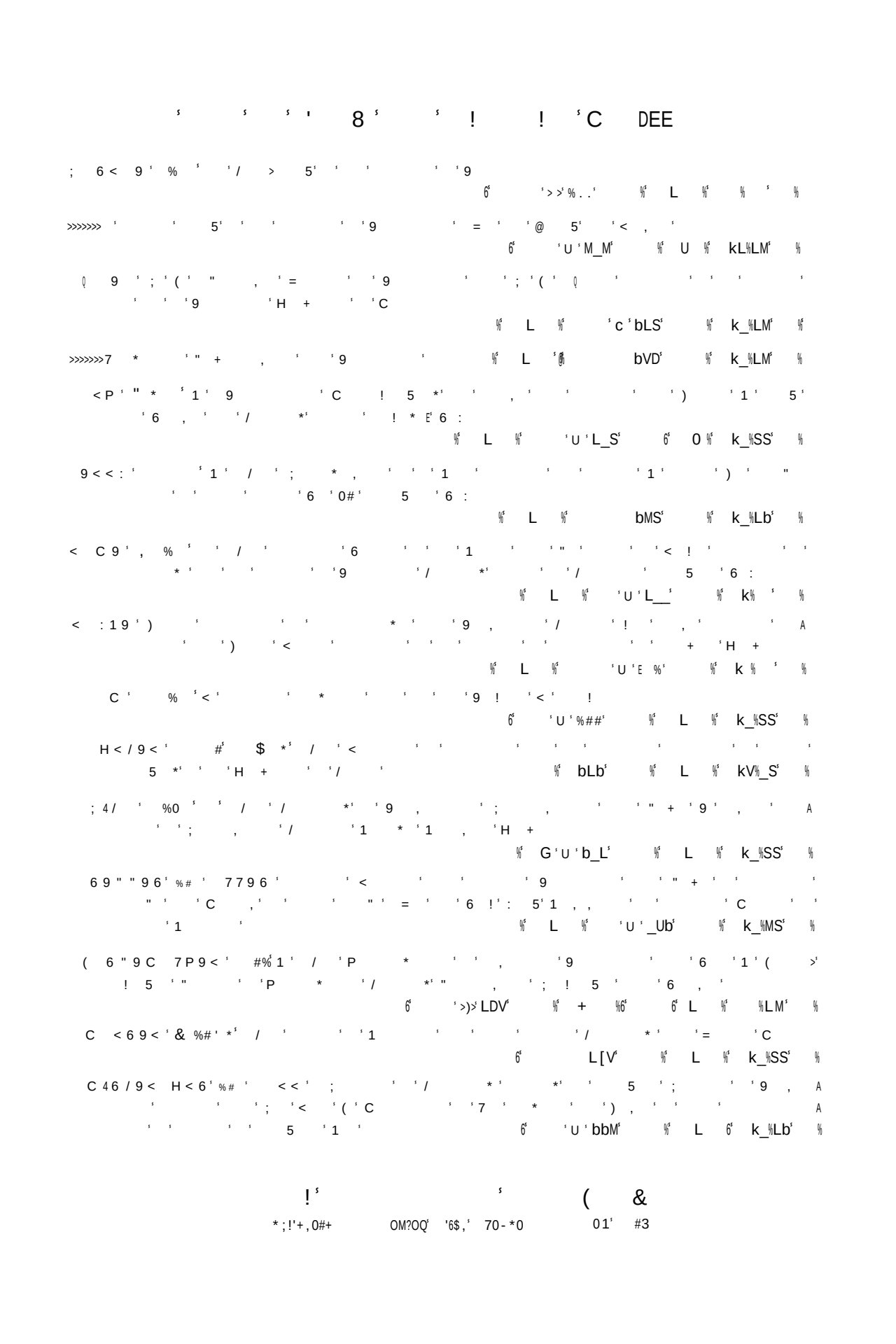

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